

**Soil and Ground Water
Quality Evaluation**

Proposed Milpitas Library Expansion Parcels
Milpitas, California

This report has been prepared for:

The City of Milpitas

455 E. Calaveras Boulevard, Milpitas, California, 95035-5479

October 1, 2004

Project No. 692-15



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October 1, 2004
692-15

Mr. Michael Boitnott
CITY OF MILPITAS
455 E. Calaveras Boulevard
Milpitas, CA 95035-5479

**RE: SOIL AND GROUND WATER QUALITY
EVALUATION
MILPITAS LIBRARY EXPANSION
PARCELS
MILPITAS, CALIFORNIA**

Dear Mr. Boitnott,

The attached report summarizes the results of our soil and ground water quality evaluation performed at the proposed Milpitas Library Expansion parcels, located along Winsor Avenue and North Main Street in Milpitas, California. This investigation and report were prepared in response to recommendations made in our June, 2004 Phase I Environmental Site Assessment and in accordance with our agreement dated March 4, 2004.

We refer you to the text of the report for details regarding this study. To help us continue to add value to your projects please visit the feedback section on our web site at <http://www.Lowney.com/feedback>. Your opinion is important to us. Thank you for choosing us to assist you. If you have any questions, please call and we will be glad to discuss them with you.

Very truly yours,

LOWNEY ASSOCIATES

Gwendolyn Erickson
Staff Geologist

SIF:GJE:tjc



Stason I. Foster, P.E.
Principal Environmental Engineer

Copies: Addressee (5)

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**SOIL AND GROUND WATER QUALITY EVALUATION
PROPOSED MILPITAS LIBRARY EXPANSION PARCELS
MILPITAS, CALIFORNIA**

1.0 INTRODUCTION

1.1 Purpose

In this report, we present results of the soil and ground water quality evaluation performed at the site of the proposed Milpitas Library expansion in Milpitas, California. This work was performed for the City of Milpitas who is considering purchasing the site, shown on Figures 1 and 2, for the proposed development.

1.2 Site Background

The site includes five parcels located along Winsor Avenue and North Main Street in a primarily light industrial area of Milpitas, California. The five parcels are bounded by City of Milpitas property (service yard, former senior center, and parking lot) to the north, light industrial and commercial buildings to the south, North Main Street, vacant lots, and the East Calaveras Boulevard off-ramp to the west, and Southern Pacific Railroad tracks to the east.

Based on records reviewed during our Phase I environmental site assessment (ESA) (Lowney, 2004) the site has maintained both residential and light industrial usage since approximately the 1950s. Historical and current activities of site tenants include, but are not limited to, welding and machine shop, blacksmithing, towing, body shop, sheet metal fabrication, radiator repair, transmission repair and automotive repair shops. Due to the long history of commercial/industrial use and automotive services at the site, an evaluation of soil and ground water quality was recommended.

1.3 Scope of Work

The scope of work for this study included the following tasks:

- Drilling of 19 exploratory borings.
- Collecting soil and ground water samples for laboratory analysis.
- Preparation of this report.

2.0 SOIL AND GROUND WATER QUALITY EVALUATION

On May 18, 2004 Staff Geologist, Gwendolyn Erickson, directed a subsurface exploration program that included the drilling of thirteen borings (EB-1 through EB-13). Borings were advanced using direct push technology. Borings EB-1 to EB-4, EB-6 and EB-8 to EB-13 were all completed to a depth of 4 feet. Borings EB-5 and EB-7 were completed to depths of approximately 22 and 20 feet, respectively. On August 18, 2004, boring location EB-1 was re-visited and drilled to a depth of 5 feet to obtain deeper soil samples; borings EB-14 to EB-19 also were completed to a depth of 4 feet to evaluate additional analytes including lead, asbestos and polychlorinated biphenyls (PCB), and to delineate petroleum hydrocarbon impacted soil detected at EB-1.

Boring locations are shown on Figure 2.

2.1 Initial Soil Quality Evaluation

Exploratory boring EB-1 was drilled near the shed at the 112 and 116 North Main Street site to evaluate shallow soils potentially impacted by unspecified hazardous materials which were historically stored there by the City of Milpitas. The 1½ to 2 foot soil sample was analyzed for Total Petroleum Hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, and total xylenes (BTEX), the fuel oxygenate methyl tert-butyl ether (MTBE) per EPA Test Method 8260; TPH as diesel (TPHd) and TPH as motor oil (TPHmo) per EPA Test Method 8015M; organochlorine pesticides per EPA Test Method 8081; CAM 17 metals by EPA Test Method 6010B; and polynuclear aromatic hydrocarbons (PAHs) per EPA Test Method 8310.

Borings EB-2 through EB-4 were drilled near the former blacksmith shop at the 112 and 116 N. Main Street site to evaluate shallow soils which may have been potentially impacted by activities of the blacksmith shop or machine shop that historically occupied the site. Shallow soils were analyzed for TPHg, BTEX and MTBE per EPA Test Method 8260; TPHd and TPHmo per EPA Test Method 8015M; CAM 17 metals by EPA Test Method 6010B; and PAHs per EPA Test Method 8310.

Boring EB-5 was drilled in the yard of 94 Winsor to evaluate shallow soils that may have been impacted by the on-site body shop; a ground water sample also was collected from this boring (see Section 2.3). As discussed in the 2004 ESA, the Santa Clara County Environmental Health Department (SCCEHD) inspection records documented violations for improper hazardous materials labeling, lack of training and inspection programs, and no EPA hazardous waste generator identification number or Hazardous Materials Business Plan (HMBP) for the body shop. A shallow soil sample from this boring was analyzed for TPHg, BTEX and MTBE per EPA Test Method 8260; TPHd and TPHmo per EPA Test Method 8015M; CAM 17 metals by EPA Test Method 6010B; and halogenated volatile organic compounds (HVOCs) by EPA Test Method 8021B/8260B.

Boring EB-6 was drilled within the yard of the 110 Winsor site to evaluate shallow soil potentially impacted by activities associated with the railroad tracks adjacent to the site. Shallow soils were analyzed for TPHd and TPHmo per EPA Test Method 8015M; CAM 17 metals by EPA Test Method 6010B; and PAHs per EPA Test Method 8310.

Borings EB-8 and EB-9 were drilled inside the 130 Winsor building to evaluate shallow soils adjacent to parts cleaning sinks. As discussed in the 2004 ESA, SCCEHD inspection records reveal repeated hazardous materials violations including improper/lack of labeling, open waste containers, lack of inspection and training program, and no HMBP for the site. Soil samples from directly beneath the building slab were analyzed for TPHg per EPA Test Method 8260; TPHd and TPHmo per EPA Test Method 8015M; and Volatile Organic Compounds (VOCs) per EPA Test Method 8260.

Borings EB-10 through EB-13 were drilled in the yard of 130 Winsor to evaluate shallow soils which may have been impacted by activities associated with the railroad tracks and/or operations associated with the current tenant, a towing company. Soil samples were analyzed for TPHg, BTEX and MTBE per EPA Test Method 8260; TPHd and TPHmo per EPA Test Method 8015M; and CAM 17 metals by EPA Test Method 6010B. Additionally, soil samples from EB-10 and EB-12 were analyzed for PAHs per EPA Test Method 8310.

Soil samples were collected directly below asphalt, concrete and/or aggregate base depths which varied in total thickness from 1.5 feet to 2.5 feet. Sampling protocol and boring logs for the two deeper borings (EB-5 and EB-7) are included in Appendix A.

2.2 Subsequent Soil Quality Evaluation

Boring location EB-1, drilled adjacent to the shed on the 112 and 116 N. Main Street site, was re-visited to evaluate the vertical extent of TPHd and TPHmo detected during the initial investigation. A sample collected from the 3 to 3½-foot depth was analyzed for TPHd and TPHmo per EPA Test Method 8015M. A 1½ to 2-foot soil sample collected from this location was additionally analyzed for polychlorinated biphenyls (PCB) per EPA test Method 8082A.

Borings EB-14 and EB-15 were drilled to evaluate the lateral extent of diesel and motor oil in shallow soil adjacent to the shed on the 112 and 116 N. Main Street parcel. Soil samples were collected at a depth of 1½ to 2 feet from each boring and analyzed for TPHd and TPHmo per EPA Test Method 8015M.

Boring EB-16 was drilled adjacent to the building on the western portion of the 112 and 116 N. Main Street site to evaluate shallow soil for the potential presence of asbestos associated with building materials and lead associated with the possible presence of lead containing paint. Similarly, borings EB-17 and BE-18 were drilled near structures on the 86 N. Main Street parcel. Boring EB-19 was drilled in the 130 Winsor Street yard, just north of equipment storage areas.

A soil sample from a depth of $\frac{1}{2}$ to 1-foot at each of these locations was collected and analyzed for lead per EPA Test Method 6010B and asbestos per EPA Test Method 600/R93-116. The soil samples from EB-16, 17, and 19 were additionally analyzed for PCBs per EPA test Method 8082A.

2.2 Soil Laboratory Results

With exception of the metals data, laboratory results of the soil samples are presented in Tables 1 and 2. Metals results are discussed below. Copies of the laboratory reports and chain of custody documentation are presented in Appendix B.

Table 1. Analytical Results of Soil Samples
(concentrations in parts per million)

Boring Number	Depth (feet)	TPHd	TPHmo	TPHg	BTEX	MTBE	VOCs/HVOCs ¹	PCBs	Asbestos	Pesticides
EB-1	1½ -2	280	1,000	ND	ND	ND	--	ND	--	ND
EB-1	3-3½	32	220	--	--	--	--	--	--	--
EB-2	2-2½	ND	ND	ND	ND	ND	--	--	--	--
EB-3	2½ -3	16	120	ND	ND	ND	--	--	--	--
EB-4	1½ -2	ND	ND	ND	ND	ND	--	--	--	--
EB-5	1½ -2	8.6	66	ND	ND	ND	ND	--	--	--
EB-6	1½ -2	15	76	--	--	--	--	--	--	--
EB-8	2-2½	8.1	57	ND	--	--	0.110*	--	--	--
EB-9	2-2½	15	52	ND	--	--	ND	--	--	--
EB-10	2-2½	1.2	ND	ND	ND	ND	--	--	--	--
EB-11	2½ -3	ND	ND	ND	ND	ND	--	--	--	--
EB-12	2½ -3	15	67	ND	ND	ND	--	--	--	--
EB-13	2½ -3	1.7	ND	ND	ND	ND	--	--	--	--
EB-14	1½ -2	3.0	ND	--	--	--	--	--	--	--
EB-15	1½ -2	55	75	--	--	--	--	--	--	--
EB-16	½ -1	--	--	--	--	--	--	ND	ND	--
EB-17	½ -1	--	--	--	--	--	--	ND	ND	--
EB-18	½ -1	--	--	--	--	--	--	--	ND	--
EB-19	½ -1	--	--	--	--	--	--	ND	ND	--
Residential ESL ²		100	500	100	varies	0.023	varies	0.22	NA	varies
Industrial ESL ²		100	1,000	100	varies	0.023	varies	0.74	NA	varies

ND Indicates that the compound was not detected at or above the laboratory reporting limit

¹ Sample EB-5 was analyzed of Halogenated VOC only.

² Environmental Screening Levels, SF Bay RWQCB Table A (RWQCB, 2003)

-- Indicates the compound was not tested for the sample

* Acetone was detected at 0.110 ppm. All other VOCs were not detected. Residential and industrial ESLs for acetone are 0.24 ppm.

Table 2. Analytical Results of Soil Samples Analyzed for PAHs
 (concentrations in parts per million)

Boring Number	Depth (feet)	Naphthalene	Phenanthrene	Flouranthene	Pyrene	Chrysene	Benzo(b)Flouranthene	Benzo(k)Flouranthene	Benzo(a)Pyrene	Dibenzo(a,h)anthracene	Benzo(g,h,i)perylene
EB-1	1½ -2	0.015	0.094	0.200	0.070	0.210	0.074	0.057	0.091	0.120	0.033
EB-2	2-2½	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
EB-3	2½ -3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
EB-4	1½ -2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
EB-6	1½ -2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
EB-10	2-2½	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
EB-12	2½ -3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Residential ESL*		4.2	11	40	85	3.8	0.38	0.38	0.038	0.11	27
Industrial ESL*		4.2	11	40	85	13	1.3	1.3	0.13	0.38	27

ND Indicates that the compound was not detected at or above the laboratory reporting limit

* Environmental Screening Levels, SF Bay RWQCB Table A (RWQCB, 2003)

The Environmental Screening Levels (ESLs), revised from earlier Risk-Based Screening Levels (RBSLs), presented in Table 1 are risk-based concentrations developed by the San Francisco Bay Regional Water Quality Control Board (RWQCB). The ESLs were developed to protect human health and also address potential ecological concerns and beneficial uses of ground water.

As stated by the RWQCB, the ESLs are considered conservative. The presence of a chemical at a concentration above an ESL does not necessarily indicate that adverse impacts to human health or the environment are occurring; exceeding ESLs indicates that the potential for impacts may exist and that additional evaluation may be needed.

Soil samples from borings EB-1 through EB-6 and EB-10 through EB-13 were additionally analyzed for CAM 17 metals by EPA Test Method 6010B. Soil samples from EB-16 through EB-19 were analyzed for lead by EPA Test Method 6010B. Analytical results are presented in the laboratory reports in Appendix B. While several of the metals concentrations were above detection limits, the concentrations do not exceed the RWQCB residential or industrial ESLs. Most detected metal concentrations are typical of natural background concentrations. Lead was detected at up to 94 ppm, which is slightly higher than typical background levels, but does not exceed the residential or industrial ESLs.

2.3 Ground Water Sample Collection and Analyses

To evaluate ground water quality at the site, ground water grab samples were collected from boring EB-5 and EB-7. Ground water was encountered in these borings at depths between 17 and 19.5 feet. These borings were located down-gradient of the buildings at 94 and 110 Winsor Avenue to evaluate if ground water quality has been adversely impacted by historic activities at these addresses. Ground water quality at other on-site locations was evaluated by others during past investigations, as discussed in our 2004 ESA.

Ground water samples were analyzed for TPHg, BTEX and MTBE by EPA Test Method 8260B; TPHd and TPHmo per EPA Test Method 8015M; and HVOCS by EPA Test Method 8260B. Analytical results of detected analytes are shown in Table 3; copies of the laboratory reports are attached in Appendix B.

Table 3. Analytical Results of Ground Water Samples
(concentrations in parts per billion)

Well Number	Date	TPHg	TPHd	TPHmo	BTEX	MTBE	HVOCS
EB-5	5/18/04	ND	68	ND	ND	9.6	ND
EB-7	5/18/04	ND	180	ND	ND	ND	ND
Groundwater ESL*		100	100	100	varies	5.0	varies

< Indicates that the compound was not detected at or above the stated laboratory reporting limit

* Environmental Screening Levels, SF Bay RWQCB Table A (RWQCB, 2003)

2.4 Ground Water Monitoring Wells

As discussed in our 2004 ESA, our review of past reports by others indicated that two ground water monitoring wells (MW-1R and MW-3) may still be present on the 112 & 116 N. Main Street parcels. During our recent work, these wells were observed to be filled with concrete.

We subsequently contacted the Santa Clara Valley Water District (SCVWD) to evaluate if these wells had been properly destroyed. We were notified that the SCVWD does have records that indicate both wells were properly abandoned. Well MW-3 was reportedly destroyed by over-drilling on January 16, 2002. Well MW-1R was reported to have been destroyed by pressure grouting on April 17, 1998.

Based on the information reviewed to date, monitoring well MW-1 is still present on-site; this well was installed to evaluate impacted ground water at the 130 Winsor Avenue site.

3.0 CONCLUSIONS AND RECOMMENDATIONS

3.1 Soil Quality

Low concentrations of TPHd and TPHmo were detected in several shallow soil samples from across the site. Except for those detected in EB-1, the concentrations do not exceed the residential ESLs. The TPHd and TPHmo concentrations detected in soil from EB-1 (280 and 1,000 ppm, respectively) slightly exceed the residential ESLs. Based on the analytical results of soil samples collected at nearby locations EB-2, EB-14 and EB-15 and from the 3 foot depth at EB-1, these concentrations appear limited in extent, both vertically and laterally. No gasoline range hydrocarbons, BTEX compounds, MTBE or HVOCs were detected in the samples that were analyzed for these constituents. The source of the detected diesel and oil range hydrocarbons is not known, but may be associated with minor leakage from automobiles or related to the presence of asphalt pavement at the site.

High molecular weight petroleum hydrocarbons, such as diesel and oil, typically exhibit characteristics of low toxicity and low mobility in the environment. Based on the planned use of the site as a public library and because of the lack of BTEX compounds, the residual petroleum hydrocarbons detected in soil do not appear to pose a significant threat to human health or the environment. We would expect the remaining hydrocarbon levels to degrade naturally over time.

Low concentrations of PAHs were detected in the soil sample from EB-1. These compounds are likely related to the petroleum hydrocarbons that were also found at this location. The detected Benzo(a)pyrene (0.091 ppm) and Dibenzo(a,h)-anthracene (0.120 ppm) concentrations are slightly above the RWQCB's residential ESLs. No PAHs were detected in the other six samples and the detected concentrations at EB-1 do not exceed the industrial ESLs. Based on the low frequency of detection and since the detected concentrations are similar to and in most cases below the residential ESLs, the detected PAHs do not appear to pose a significant threat to human health or the environment under the planned site use scenario.

Similarly, the metal concentrations detected in soil at the site do not exceed the residential or industrial ESLs. Most metal concentrations detected are typical of naturally occurring background levels. No pesticides, PCBs or asbestos were detected in the soil samples analyzed for these constituents.

3.2 Ground Water Quality

During this investigation, ground water grab samples were collected from two borings (EB-5 and EB-7). Low concentrations of diesel range petroleum hydrocarbons (up to 180 ppb) and MTBE (9.6 ppb) were detected in the samples. No BTEX compounds or HVOCs were detected.

These samples were collected down-gradient of the 94 and 110 Winsor Avenue parcels to evaluate if past activities at these addresses had impacted ground water

quality. Based on these results, ground water at these locations does not appear to be significantly impacted. Based on our experience, the detected concentrations would not warrant further evaluation or remediation.

The 130 Winsor Avenue site, however, is an open fuel leak case with the SCVWD. As documented in previously reviewed reports, diesel range hydrocarbons have been detected in ground water near the former underground storage tanks at concentrations up to 80,000 ppb. The extent of impacted soil and ground water appears limited mainly to the area near the USTs and adjacent storage yard; some migration beneath Winsor Avenue is also evident. As discussed in our 2004 ESA report, the SCVWD is likely to require further work associated with the fuel release at the 130 Winsor Avenue parcel. The SCVWD likely will require further characterization, including installation and quarterly sampling of several ground water monitoring wells. Additional soil excavation and/or ground water remediation also may be required. Future parking facilities are planned on this portion of the site. The planned development should be coordinated with any required future monitoring or remediation activities. The presence of the detected residual petroleum hydrocarbons and VOCs does not appear to pose a significant threat to human health based on the planned use of the parcel. However, the impacted soil and ground water will result in the need for additional coordination. This additional coordination during construction and any remediation and/or characterization activities related to the impacted soil and ground water will, to some extent, increase development costs.

3.3 General Conclusions

Based on the data collected during this investigation, with the exception of the 130 Winsor Avenue parcel, soil and ground water quality at the site do not appear to be significantly impacted. Several contaminants were detected, however, the detected concentrations in most cases do not exceed established environmental screening levels (ESLs) that would be applicable to the planned use of the site as a public library. The residential ESLs were slightly exceeded in soil and/or ground water samples from borings EB-1, EB-5 and EB-7. However, based on the types of contaminants detected, the frequency of detection and the planned future use of the site as a public library, and because the detected concentrations are similar to the ESLs (which are considered to be conservative) additional work does not appear warranted, except for work associated with the 130 Winsor Avenue Parcel, as previously discussed.

3.4 Additional Recommendations

For completeness, additional recommendations presented in Section 5.0 of our prior Phase I Environmental Site Assessment (ESA) report are summarized below:

3.4.1 Hazardous Materials

As discussed in the Phase I ESA, various hazardous materials are used and stored at the site by on-site tenants. We recommend that all hazardous materials be appropriately disposed prior to the property transfer.

3.4.2 Water Supply Well

Based on historic data, it appears that a water supply well historically was located on the 112 and 116 North Main Street parcels. The well is no longer visible on the parcels, but no documentation of its appropriate destruction was present in available regulatory agency files. After the property has been cleared of vehicles and other surface metal, we recommend that a geophysical survey be performed on the portion of the site where the water tank appeared to be depicted on the Sanborn maps, to ascertain whether the steel well casing remains present. If it is located by the geophysical survey or during subsequent site development activities, the well must be properly abandoned in accordance with applicable regulations.

3.4.3 Asbestos

Due to the age of the on-site buildings, asbestos-containing building materials (ACMs) may be present. Since demolition of the buildings is under consideration, an asbestos survey must be conducted under National Emissions Standards for Hazardous Air Pollutants (NESHAP) guidelines. In addition, NESHAP guidelines require that all potentially friable ACM be removed prior to building demolition or renovation that may disturb the ACM.

3.4.4 Lead-Based Paint

Based on the age of the on-site buildings, lead-containing paint may be present. If lead-based paint is still bonded to the building materials, its removal is not required prior to demolition. It will be necessary, however, to follow the requirements outlined by Cal/OSHA Lead in Construction Standard, Title 8, California Code of Regulations (CCR) 1532.1 during demolition activities; these requirements include employee training, employee air monitoring, and dust control. If lead containing paint is peeling, flaking or blistered, it should be removed prior to demolition. It is assumed that such paint will become separated from the building components during demolition activities; thus, it must be managed and disposed as a separate waste stream. Any debris or soil containing lead paint or coating must be disposed at landfills that are permitted to accept the waste being disposed.

3.4.5 Fluorescent Light Ballasts and Tubes

Fluorescent lights were observed on-site. Fluorescent light ballasts manufactured before 1978 may contain PCBs. Ballasts manufactured after January 1, 1978 should not contain PCBs and are required by law to contain a label that states that no PCBs are present within the units. Fluorescent light tubes also may contain mercury. The Department of Toxic Substances Control (DTSC) considers these wastes Universal Wastes. Universal Wastes are lower risk hazardous wastes that require proper disposal and handling. Disposal at an appropriate recycling facility is encouraged.

3.4.6 Urban Runoff Pollution Prevention Program

The Urban Runoff Pollution Prevention Program, also called the Non-Point Source Program, was developed in accordance with the requirements of the 1986 San Francisco Bay Basin Water Quality Control Plan to reduce water pollution associated with urban storm water runoff. This program was also designed to fulfill the requirements of the Federal Clean Water Act, which mandated that the EPA develop National Pollution Discharge Elimination system (NPDES) Permit application requirements for various storm water discharges, including those from municipal storm drain systems and construction sites.

Construction activity resulting in a land disturbance of 1 acre or more, or less than 1 acre but part of a larger common plan of development or sale, must obtain a Construction Activities Storm Water General Permit. A Notice of Intent (NOI) and Storm Water Pollution Prevention Plan (SWPPP) must be prepared prior to commencement of construction.

3.4.7 Soil and Ground Water Management Plan

Based on the long commercial/industrial history of the site, unexpected buried structures, debris, or impacted soil and ground water may be encountered during site development activities; impacted soil and ground water are known to exist near the former on-site USTs. These materials may require special handling and disposal. To limit construction delays, we recommend that a Soil and Ground Water Management Plan be developed to establish management practices for handling these materials/structures if encountered.

3.4.8 Environmental Attorney

The past tenants and the current property owner are presently responsible for characterizing and, if required, remediating the fuel and VOC release at the 130 Winsor Avenue site. Consideration should be given to retaining an environmental attorney to assist the City in developing an appropriate purchase agreement for this parcel. The tenants and property owner should retain responsibility for future environmental work at the site. Alternatively, the City should be appropriately compensated for the cost and risk associated with purchasing this impacted property.

4.0 LIMITATIONS

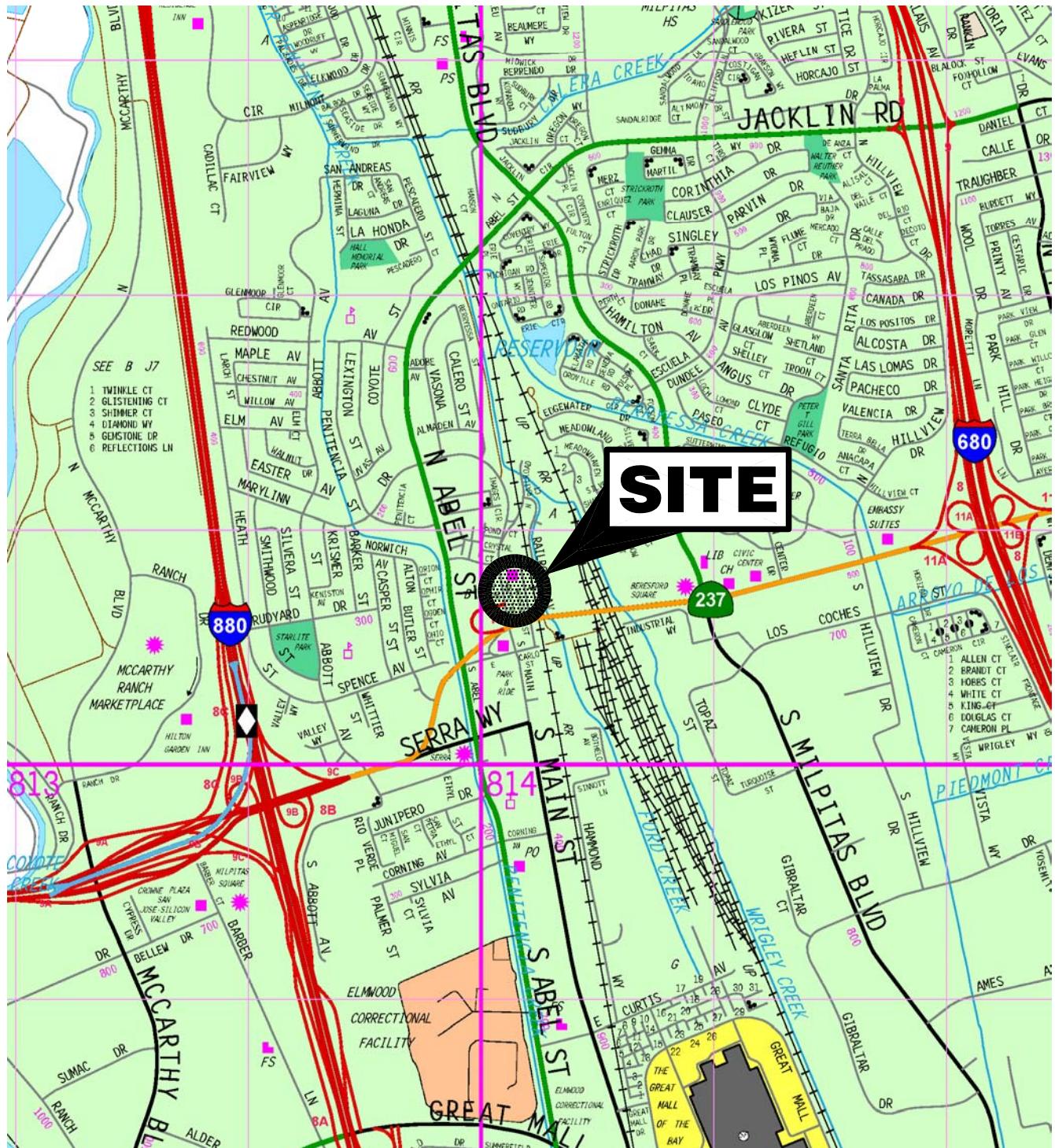
This report was prepared for the sole use of the City of Milpitas in evaluating soil and ground water quality at the proposed Milpitas Library Expansion Parcels at the time of this study. We make no warranty, expressed or implied, except that our services have been performed in accordance with environmental principles generally accepted at this time and location. The chemical and other data presented in this report can change over time and are applicable only to the time this study was performed. We are not responsible for the data presented by others.

The accuracy and reliability of geo- or hydrochemical studies are a reflection of the number and type of samples taken and extent of the analyses conducted, and are thus inherently limited and dependent upon the resources expended. Chemical analyses were performed for specific parameters during this investigation. Please note that additional constituents not analyzed for during this evaluation may be present in soil and ground water at the site. Our sampling and analytical plan was designed using accepted environmental principles and our judgment for the performance of a soil and ground water quality evaluation and was based on the degree of investigation approved by you. It is possible to obtain a greater degree of certainty, if desired, by implementing a more rigorous soil and ground water sampling program or evaluating the risk posed by the contaminants detected, if any.

5.0 REFERENCES

Lowney Associates. 2004. Phase I Environmental Site Assessment, Proposed Milpitas Library Expansion Parcels, Milpitas, California. June 3, 2004.

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VICINITY MAP

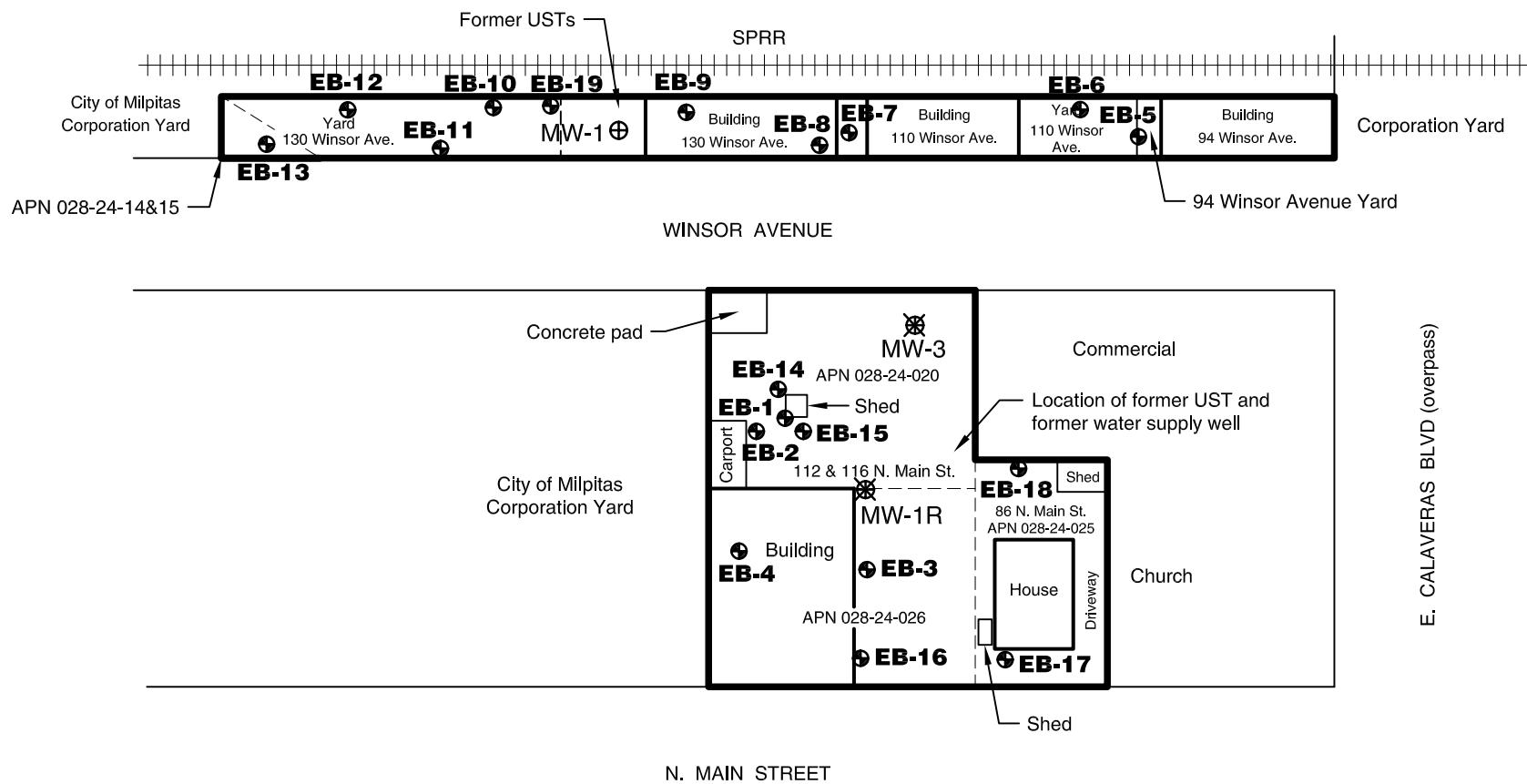
PROPOSED MILPITAS LIBRARY EXPANSION PARCELS
Milpitas, California

LOVNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

FIGURE 1

692-15

N



LEGEND

- ⊕ - Approximate location of boring
- ⊕ - Approximate location of existing monitoring well
- ⊗ - Approximate location of destroyed monitoring well

Base approximated from Lowney Associates field notes.

8/04*EB

SITE PLAN

PROPOSED MILPITAS LIBRARY EXPANSION PARCELS

Milpitas, California

APPENDIX A
SUBSURFACE INVESTIGATION, AND SOIL AND GROUND WATER
SAMPLING PROTOCOL

Drilling: The subsurface investigation was performed on May 18 and August 18, 2004 using both a dolly mounted and truck-mounted direct push drill rig. Seventeen soil borings (EB-1 to EB-4, EB-6 and EB-8 to EB-19) were drilled to a depth of approximately 4 feet. Two borings, EB-5 and EB-7, were drilled to approximately 22 and 20 feet bgs, respectively. Soil samples were collected continuously from the borings.

Soils encountered in the deeper borings (EB-5 and EB-7) were logged using the Unified Soil Classification System (ASTM D-2487). The logs of the borings, as well as a key to the classification of soil are included as part of this appendix.

Soil Sampling: Soil samples for laboratory analysis were collected in acetate liners. The ends of the liners were covered in Teflon film, fitted with plastic end caps, taped, and labeled with a unique identification number. The samples were then placed in an ice-chilled cooler, and transported to a state-certified analytical laboratory with chain of custody documentation.

Hydraulic Borings/Temporary Wells: Borings EB-5 and EB-7 were converted into "temporary" wells with the installation of 1-inch I.D. flush-threaded, Schedule 40 PVC casing. The casing in the lower portion of the well had 0.02-inch factory machined slots. Ground water grab samples were collected from the temporary wells with a steel bailer. Samples were collected in appropriate sampled bottles, labeled, and immediately placed into an ice-chilled chest for delivery to a state-certified analytical laboratory for analysis. After sample collection, the casing was removed and the borings were backfilled with cement grout.

Equipment Decontamination: All drilling and sampling equipment was cleaned in a solution of laboratory grade detergent and distilled water or steam cleaned before use at each sampling point.

PRIMARY DIVISIONS			SOIL TYPE	SECONDARY DIVISIONS
COARSE GRAINED SOILS MORE THAN HALF OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	GRAVELS MORE THAN HALF OF COARSE FRACTION IS LARGER THAN NO. 4 SIEVE	CLEAN GRAVELS (Less than 5% Fines)	GW	Well graded gravels, gravel-sand mixtures, little or no fines
		GRAVEL WITH FINES	GP	Poorly graded gravels or gravel-sand mixtures, little or no fines
		GM	Silty gravels, gravel-sand-silt mixtures, plastic fines	
		GC	Clayey gravels, gravel-sand-clay mixtures, plastic fines	
	SANDS MORE THAN HALF OF COARSE FRACTION IS SMALLER THAN NO. 4 SIEVE	CLEAN SANDS (Less than 5% Fines)	SW	Well graded sands, gravelly sands, little or no fines
		SP	Poorly graded sands or gravelly sands, little or no fines	
		SM	Silty sands, sand-silt-mixtures, non-plastic fines	
		SC	Clayey sands, sand-clay mixtures, plastic fines	
FINE GRAINED SOILS MORE THAN HALF OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	SILTS AND CLAYS LIQUID LIMIT IS LESS THAN 50 %	ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity	
		CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays	
		OL	Organic silts and organic silty clays of low plasticity	
		MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts	
	SILTS AND CLAYS LIQUID LIMIT IS GREATER THAN 50 %	CH	Inorganic clays of high plasticity, fat clays	
		OH	Organic clays of medium to high plasticity, organic silts	
		PT	Peat and other highly organic soils	

DEFINITION OF TERMS

SILTS AND CLAY	U.S. STANDARD SIEVE SIZE			CLEAR SQUARE SIEVE OPENINGS			
	200	40	10	4	3/4"	3"	12"
	FINE	MEDIUM	COARSE	FINE	COARSE	COBBLES	BOULDERS
	0.08	0.4	2	5	19	76mm	

GRAIN SIZES

 TERZAGHI
SPLIT SPOON
STANDARD PENETRATION

 MODIFIED CALIFORNIA

 DIRECT PUSH
SAMPLER

 SHELBY TUBE

 NO RECOVERY

SAMPLERS

SAND AND GRAVEL	BLOWS/FOOT*
VERY LOOSE	0-4
LOOSE	4-10
MEDIUM DENSE	10-30
DENSE	30-50
VERY DENSE	OVER 50

SILTS AND CLAYS	STRENGTH+	BLOWS/FOOT*
VERY SOFT	0-1/4	0-2
SOFT	1/4-1/2	2-4
MEDIUM STIFF	1/2-1	4-8
STIFF	1-2	8-16
VERY STIFF	2-4	16-32
HARD	OVER 4	OVER 32

RELATIVE DENSITY

CONSISTENCY

*Number of blows of 140 pound hammer falling 30 inches to drive a 2-inch O.D. (1-3/8 inch I.D.) split spoon (ASTM D-1586).

+Unconfined compressive strength in tons/sq.ft. as determined by laboratory testing or approximated by the standard penetration test (ASTM D-1586), pocket penetrometer, torvane, or visual observation.

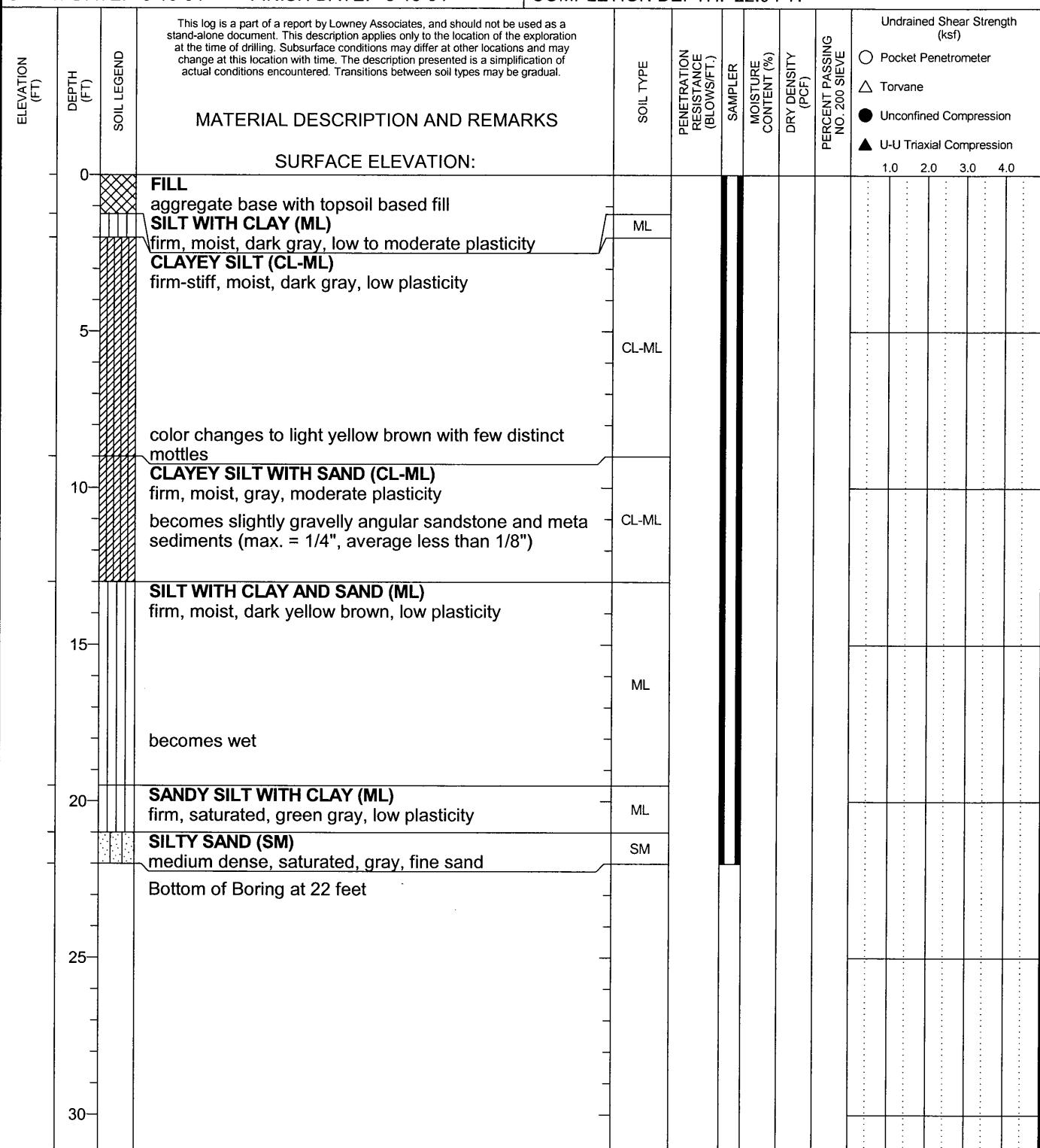
KEY TO EXPLORATORY BORING LOGS Unified Soil Classification System (ASTM D-2487)

EXPLORATORY BORING: EB-5

Sheet 1 of 1

DRILL RIG: VIRONEX
 BORING TYPE: MACROCORE
 LOGGED BY: GJE
 START DATE: 5-18-04 FINISH DATE: 5-18-04

PROJECT NO: 692-15
 PROJECT: PROPOSED MILPITAS LIBRARY EXPANSION
 LOCATION: MILPITAS, CA
 COMPLETION DEPTH: 22.0 FT.



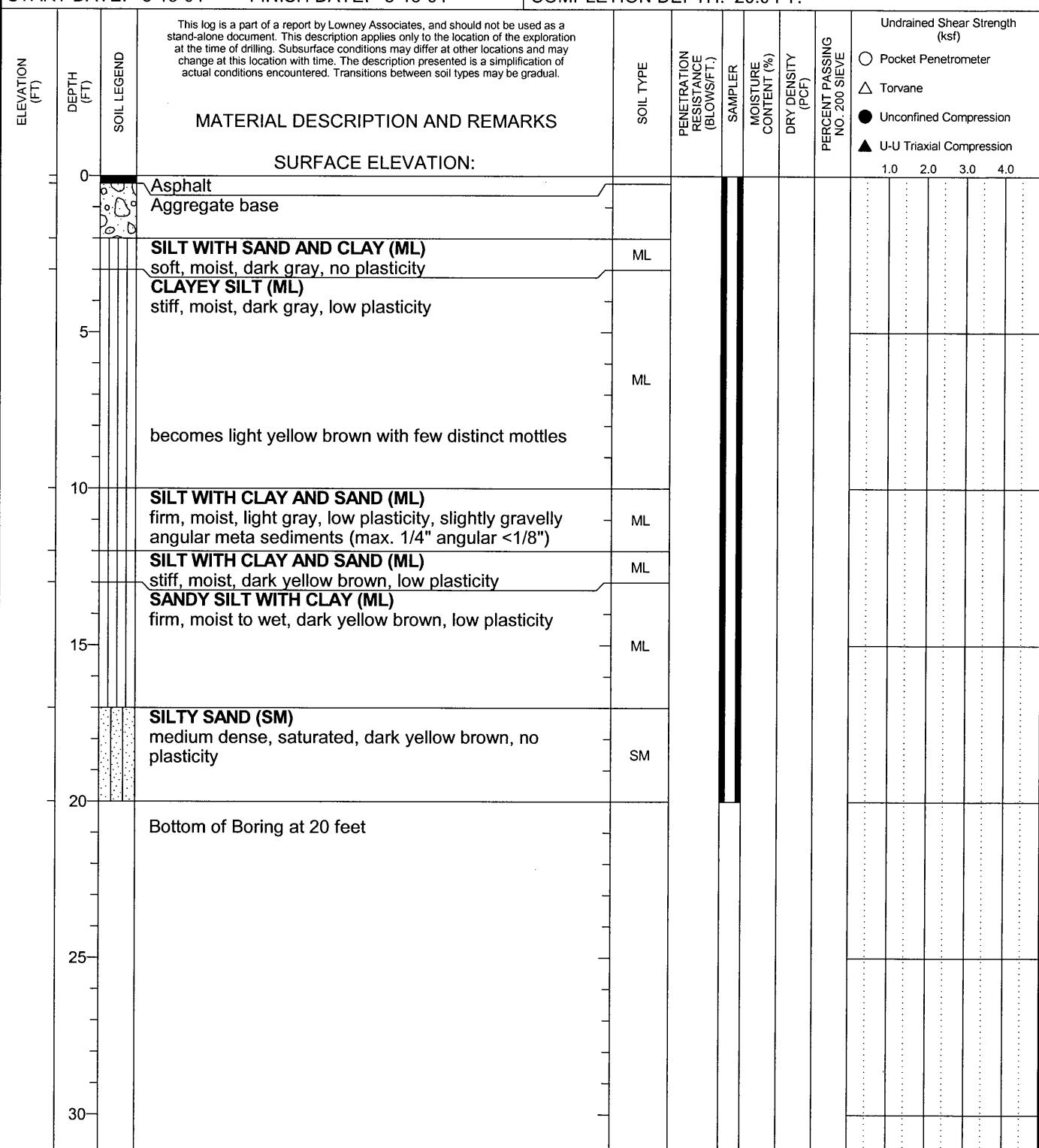
GROUND WATER OBSERVATIONS:
 NO FREE GROUND WATER ENCOUNTERED

EXPLORATORY BORING: EB-7

Sheet 1 of 1

DRILL RIG: VIRONEX
 BORING TYPE: MACROCORE
 LOGGED BY: GJE
 START DATE: 5-18-04 FINISH DATE: 5-18-04

PROJECT NO: 692-15
 PROJECT: PROPOSED MILPITAS LIBRARY EXPANSION
 LOCATION: MILPITAS, CA
 COMPLETION DEPTH: 20.0 FT.



GROUND WATER OBSERVATIONS:
 NO FREE GROUND WATER ENCOUNTERED

APPENDIX B
LABORATORY REPORTS

The chilled samples were delivered to a state-certified analytical laboratory. Chain of custody documentation was maintained for all samples. Attached are copies of the analytical results and the chain of custody forms.

Lowney & Associates Mountain View

May 31, 2004

405 Clyde Ave
Mountain View, CA 94043-2209
Attn.: Stason Foster
Project#: 692-15
Project: Milpitas Library

Dear Mr. Foster,

Attached is our report for your samples received on 05/19/2004 16:07
This report has been reviewed and approved for release. Reproduction of this report
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after
07/03/2004 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,
please call me at (925) 484-1919.

You can also contact me via email. My email address is: asalimpour@stl-inc.com

Sincerely,



Afsaneh Salimpour
Project Manager

Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney & Associates Mountain View

Attn.: Stason Foster

405 Clyde Ave

Mountain View, CA 94043-2209

Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 692-15

Received: 05/19/2004 16:07

Milpitas Library

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB-5 @ 1.5-2.0`	05/18/2004 10:00	Soil	7

Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney & Associates Mountain View

Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 692-15
Milpitas Library

Received: 05/19/2004 16:07

Prep(s):	5030B/5035	Test(s):	8260B			
Sample ID:	EB-5 @ 1.5-2.0`	Lab ID:	2004-05-0681 - 7			
Sampled:	05/18/2004 10:00	Extracted:	5/21/2004 16:32			
Matrix:	Soil	QC Batch#:	2004/05/21-1A.09			
Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	05/21/2004 16:32	
Vinyl chloride	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	
Chloroethane	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	
Methylene chloride	ND	10	ug/Kg	1.00	05/21/2004 16:32	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	
Chloroform	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	
Trichloroethene	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	
2-Chloroethylvinyl ether	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	
Chlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	
Bromoform	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	
Chloromethane	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	

Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney & Associates Mountain View

Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 692-15
Milpitas Library

Received: 05/19/2004 16:07

Prep(s):	5030B/5035	Test(s):	8260B
Sample ID:	EB-5 @ 1.5-2.0`	Lab ID:	2004-05-0681 - 7
Sampled:	05/18/2004 10:00	Extracted:	5/21/2004 16:32
Matrix:	Soil	QC Batch#:	2004/05/21-1A.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Bromomethane	ND	5.0	ug/Kg	1.00	05/21/2004 16:32	
Surrogate(s)						
4-Bromofluorobenzene	99.0	74-121	%	1.00	05/21/2004 16:32	
1,2-Dichloroethane-d4	96.2	70-121	%	1.00	05/21/2004 16:32	
Toluene-d8	102.8	81-117	%	1.00	05/21/2004 16:32	

Halogenated Volatile Organic Compounds by 8021B/8260B

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Project: 692-15
Milpitas Library

Received: 05/19/2004 16:07

Batch QC Report					
Prep(s):	5030B/5035	Method Blank	Soil	Test(s):	8260B
MB:	2004/05/21-1A.09-007			QC Batch #	2004/05/21-1A.09
				Date Extracted:	05/21/2004 14:19

Compound	Conc.	RL	Unit	Analyzed	Flag
Bromodichloromethane	ND	5.0	ug/Kg	05/21/2004 14:19	
Bromoform	ND	5.0	ug/Kg	05/21/2004 14:19	
Bromomethane	ND	5.0	ug/Kg	05/21/2004 14:19	
Carbon tetrachloride	ND	5.0	ug/Kg	05/21/2004 14:19	
Chlorobenzene	ND	5.0	ug/Kg	05/21/2004 14:19	
Chloroethane	ND	5.0	ug/Kg	05/21/2004 14:19	
2-Chloroethylvinyl ether	ND	5.0	ug/Kg	05/21/2004 14:19	
Chloroform	ND	5.0	ug/Kg	05/21/2004 14:19	
Chloromethane	ND	5.0	ug/Kg	05/21/2004 14:19	
Dibromochloromethane	ND	5.0	ug/Kg	05/21/2004 14:19	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	05/21/2004 14:19	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	05/21/2004 14:19	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	05/21/2004 14:19	
Dichlorodifluoromethane	ND	10.0	ug/Kg	05/21/2004 14:19	
1,1-Dichloroethane	ND	5.0	ug/Kg	05/21/2004 14:19	
1,2-Dichloroethane	ND	5.0	ug/Kg	05/21/2004 14:19	
1,1-Dichloroethene	ND	5.0	ug/Kg	05/21/2004 14:19	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	05/21/2004 14:19	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	05/21/2004 14:19	
1,2-Dichloropropane	ND	5.0	ug/Kg	05/21/2004 14:19	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	05/21/2004 14:19	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	05/21/2004 14:19	
Methylene chloride	ND	10.0	ug/Kg	05/21/2004 14:19	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	05/21/2004 14:19	
Tetrachloroethene	ND	5.0	ug/Kg	05/21/2004 14:19	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	05/21/2004 14:19	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	05/21/2004 14:19	
Trichloroethene	ND	5.0	ug/Kg	05/21/2004 14:19	
Trichlorofluoromethane	ND	5.0	ug/Kg	05/21/2004 14:19	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	05/21/2004 14:19	

Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney & Associates Mountain View

Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 692-15
Milpitas Library

Received: 05/19/2004 16:07

Prep(s): 5030B/5035

Test(s): 8260B

Method Blank**Soil****QC Batch # 2004/05/21-1A.09**

MB: 2004/05/21-1A.09-007

Date Extracted: 05/21/2004 14:19

Compound	Conc.	RL	Unit	Analyzed	Flag
Vinyl chloride	ND	5.0	ug/Kg	05/21/2004 14:19	
4-Bromofluorobenzene	102.1	74-121	%	05/21/2004 14:19	
1,2-Dichloroethane-d4	85.5	70-121	%	05/21/2004 14:19	
Toluene-d8	96.6	81-117	%	05/21/2004 14:19	

Halogenated Volatile Organic Compounds by 8021B/8260B

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Project: 692-15

Received: 05/19/2004 16:07

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Batch QC Report

Prep(s): 5030B/5035

Test(s): 8260B

Laboratory Control Spike**Soil****QC Batch # 2004/05/21-1A.09**

LCS 2004/05/21-1A.09-005

Extracted: 05/21/2004

Analyzed: 05/21/2004 13:17

LCSD 2004/05/21-1A.09-006

Extracted: 05/21/2004

Analyzed: 05/21/2004 13:53

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Chlorobenzene	109	102	100	109.0	102.0	6.6	61-121	20		
1,1-Dichloroethene	81.1	78.3	100	81.1	78.3	3.5	65-125	20		
Trichloroethene	107	93.2	100	107.0	93.2	13.8	74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	583	540	500	116.6	108.0		74-121			
1,2-Dichloroethane-d4	466	386	500	93.2	77.2		70-121			
Toluene-d8	490	478	500	98.0	95.6		81-117			

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View

Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 692-15
Milpitas Library

Received: 05/19/2004 16:07

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB-8 @ 2.0-2.25`	05/18/2004 13:44	Soil	9
EB-9 @ 2.0-2.25`	05/18/2004 14:04	Soil	10

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View

Attn.: Stason Foster

405 Clyde Ave
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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 692-15
Milpitas Library

Received: 05/19/2004 16:07

Prep(s):	5035	Test(s):	8260B
Sample ID:	EB-8 @ 2.0-2.25`	Lab ID:	2004-05-0681 - 9
Sampled:	05/18/2004 13:44	Extracted:	5/21/2004 16:59
Matrix:	Soil	QC Batch#:	2004/05/21-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
Acetone	110	50	ug/Kg	1.00	05/21/2004 16:59	
Benzene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
Bromobenzene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
Bromochloromethane	ND	20	ug/Kg	1.00	05/21/2004 16:59	
Bromoform	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
Bromomethane	ND	10	ug/Kg	1.00	05/21/2004 16:59	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	05/21/2004 16:59	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
Carbon disulfide	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
Chlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
Chloroethane	ND	10	ug/Kg	1.00	05/21/2004 16:59	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	05/21/2004 16:59	
Chloroform	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
Chloromethane	ND	10	ug/Kg	1.00	05/21/2004 16:59	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	05/21/2004 16:59	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	05/21/2004 16:59	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 692-15
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Received: 05/19/2004 16:07

Prep(s):	5035	Test(s):	8260B
Sample ID:	EB-8 @ 2.0-2.25`	Lab ID:	2004-05-0681 - 9
Sampled:	05/18/2004 13:44	Extracted:	5/21/2004 16:59
Matrix:	Soil	QC Batch#:	2004/05/21-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	05/21/2004 16:59	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	05/21/2004 16:59	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
Ethylbenzene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
2-Hexanone	ND	50	ug/Kg	1.00	05/21/2004 16:59	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
Methylene chloride	ND	10	ug/Kg	1.00	05/21/2004 16:59	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	05/21/2004 16:59	
Naphthalene	ND	10	ug/Kg	1.00	05/21/2004 16:59	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
Styrene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
Toluene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
Trichloroethene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View

Attn.: Stason Foster

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Mountain View, CA 94043-2209

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Project: 692-15

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Prep(s):	5035	Test(s):	8260B
Sample ID:	EB-8 @ 2.0-2.25`	Lab ID:	2004-05-0681 - 9
Sampled:	05/18/2004 13:44	Extracted:	5/21/2004 16:59
Matrix:	Soil	QC Batch#:	2004/05/21-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
Vinyl acetate	ND	50	ug/Kg	1.00	05/21/2004 16:59	
Vinyl chloride	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
Total xylenes	ND	5.0	ug/Kg	1.00	05/21/2004 16:59	
Surrogate(s)						
4-Bromofluorobenzene	96.8	74-121	%	1.00	05/21/2004 16:59	
1,2-Dichloroethane-d4	100.9	70-121	%	1.00	05/21/2004 16:59	
Toluene-d8	101.8	81-117	%	1.00	05/21/2004 16:59	

Volatile Organic Compounds by 8260B (Low Level)

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Prep(s):	5035	Test(s):	8260B			
Sample ID:	EB-9 @ 2.0-2.25`		Lab ID:	2004-05-0681 - 10		
Sampled:	05/18/2004 14:04		Extracted:	5/21/2004 17:25		
Matrix:	Soil		QC Batch#:	2004/05/21-01.09		
Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
Acetone	ND	50	ug/Kg	1.00	05/21/2004 17:25	
Benzene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
Bromobenzene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
Bromochloromethane	ND	20	ug/Kg	1.00	05/21/2004 17:25	
Bromoform	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
Bromomethane	ND	10	ug/Kg	1.00	05/21/2004 17:25	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	05/21/2004 17:25	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
Carbon disulfide	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
Chlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
Chloroethane	ND	10	ug/Kg	1.00	05/21/2004 17:25	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	05/21/2004 17:25	
Chloroform	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
Chloromethane	ND	10	ug/Kg	1.00	05/21/2004 17:25	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	05/21/2004 17:25	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	05/21/2004 17:25	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 692-15
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Prep(s):	5035	Test(s):	8260B
Sample ID:	EB-9 @ 2.0-2.25`	Lab ID:	2004-05-0681 - 10
Sampled:	05/18/2004 14:04	Extracted:	5/21/2004 17:25
Matrix:	Soil	QC Batch#:	2004/05/21-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	05/21/2004 17:25	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	05/21/2004 17:25	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
Ethylbenzene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
2-Hexanone	ND	50	ug/Kg	1.00	05/21/2004 17:25	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
Methylene chloride	ND	10	ug/Kg	1.00	05/21/2004 17:25	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	05/21/2004 17:25	
Naphthalene	ND	10	ug/Kg	1.00	05/21/2004 17:25	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
Styrene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
Toluene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
Trichloroethene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	

Volatile Organic Compounds by 8260B (Low Level)

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Prep(s):	5035	Test(s):	8260B
Sample ID:	EB-9 @ 2.0-2.25`	Lab ID:	2004-05-0681 - 10
Sampled:	05/18/2004 14:04	Extracted:	5/21/2004 17:25
Matrix:	Soil	QC Batch#:	2004/05/21-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
Vinyl acetate	ND	50	ug/Kg	1.00	05/21/2004 17:25	
Vinyl chloride	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
Total xylenes	ND	5.0	ug/Kg	1.00	05/21/2004 17:25	
Surrogate(s)						
4-Bromofluorobenzene	92.4	74-121	%	1.00	05/21/2004 17:25	
1,2-Dichloroethane-d4	100.8	70-121	%	1.00	05/21/2004 17:25	
Toluene-d8	101.7	81-117	%	1.00	05/21/2004 17:25	

Volatile Organic Compounds by 8260B (Low Level)

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Batch QC Report					
Prep(s):	5035	Method Blank	Soil	Test(s):	8260B
MB:	2004/05/21-01.09-007			QC Batch #	2004/05/21-01.09
				Date Extracted:	05/21/2004 14:19
Compound	Conc.		RL	Unit	Analyzed
MTBE	ND		5.0	ug/Kg	05/21/2004 14:19
Acetone	ND		50	ug/Kg	05/21/2004 14:19
Benzene	ND		5.0	ug/Kg	05/21/2004 14:19
Bromodichloromethane	ND		5.0	ug/Kg	05/21/2004 14:19
Bromobenzene	ND		5.0	ug/Kg	05/21/2004 14:19
Bromoform	ND		20	ug/Kg	05/21/2004 14:19
Bromochloromethane	ND		5.0	ug/Kg	05/21/2004 14:19
Bromomethane	ND		10	ug/Kg	05/21/2004 14:19
2-Butanone(MEK)	ND		50	ug/Kg	05/21/2004 14:19
n-Butylbenzene	ND		5.0	ug/Kg	05/21/2004 14:19
sec-Butylbenzene	ND		5.0	ug/Kg	05/21/2004 14:19
tert-Butylbenzene	ND		5.0	ug/Kg	05/21/2004 14:19
Carbon disulfide	ND		5.0	ug/Kg	05/21/2004 14:19
Carbon tetrachloride	ND		5.0	ug/Kg	05/21/2004 14:19
Chlorobenzene	ND		5.0	ug/Kg	05/21/2004 14:19
Chloroethane	ND		10	ug/Kg	05/21/2004 14:19
2-Chloroethylvinyl ether	ND		50	ug/Kg	05/21/2004 14:19
Chloroform	ND		5.0	ug/Kg	05/21/2004 14:19
Chloromethane	ND		10	ug/Kg	05/21/2004 14:19
2-Chlorotoluene	ND		5.0	ug/Kg	05/21/2004 14:19
4-Chlorotoluene	ND		5.0	ug/Kg	05/21/2004 14:19
Dibromochloromethane	ND		5.0	ug/Kg	05/21/2004 14:19
1,2-Dichlorobenzene	ND		5.0	ug/Kg	05/21/2004 14:19
1,3-Dichlorobenzene	ND		5.0	ug/Kg	05/21/2004 14:19
1,4-Dichlorobenzene	ND		5.0	ug/Kg	05/21/2004 14:19
1,3-Dichloropropane	ND		5.0	ug/Kg	05/21/2004 14:19
2,2-Dichloropropane	ND		5.0	ug/Kg	05/21/2004 14:19
1,1-Dichloropropene	ND		5.0	ug/Kg	05/21/2004 14:19
1,2-Dibromo-3-chloropropane	ND		50	ug/Kg	05/21/2004 14:19
1,2-Dibromoethane	ND		10	ug/Kg	05/21/2004 14:19

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View

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405 Clyde Ave

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Project: 692-15

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Batch QC Report

Prep(s): 5035

Test(s): 8260B

Method Blank**Soil****QC Batch # 2004/05/21-01.09**

MB: 2004/05/21-01.09-007

Date Extracted: 05/21/2004 14:19

Compound	Conc.	RL	Unit	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	05/21/2004 14:19	
Dichlorodifluoromethane	ND	10	ug/Kg	05/21/2004 14:19	
1,1-Dichloroethane	ND	5.0	ug/Kg	05/21/2004 14:19	
1,2-Dichloroethane	ND	5.0	ug/Kg	05/21/2004 14:19	
1,1-Dichloroethene	ND	5.0	ug/Kg	05/21/2004 14:19	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	05/21/2004 14:19	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	05/21/2004 14:19	
1,2-Dichloropropane	ND	5.0	ug/Kg	05/21/2004 14:19	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	05/21/2004 14:19	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	05/21/2004 14:19	
Ethylbenzene	ND	5.0	ug/Kg	05/21/2004 14:19	
Hexachlorobutadiene	ND	5.0	ug/Kg	05/21/2004 14:19	
2-Hexanone	ND	50	ug/Kg	05/21/2004 14:19	
Isopropylbenzene	ND	5.0	ug/Kg	05/21/2004 14:19	
p-Isopropyltoluene	ND	5.0	ug/Kg	05/21/2004 14:19	
Methylene chloride	ND	10	ug/Kg	05/21/2004 14:19	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	05/21/2004 14:19	
Naphthalene	ND	10	ug/Kg	05/21/2004 14:19	
n-Propylbenzene	ND	5.0	ug/Kg	05/21/2004 14:19	
Styrene	ND	5.0	ug/Kg	05/21/2004 14:19	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	05/21/2004 14:19	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	05/21/2004 14:19	
Tetrachloroethene	ND	5.0	ug/Kg	05/21/2004 14:19	
Toluene	ND	5.0	ug/Kg	05/21/2004 14:19	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	05/21/2004 14:19	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	05/21/2004 14:19	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	05/21/2004 14:19	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	05/21/2004 14:19	
Trichloroethene	ND	5.0	ug/Kg	05/21/2004 14:19	
Trichlorofluoromethane	ND	5.0	ug/Kg	05/21/2004 14:19	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	05/21/2004 14:19	

Severn Trent Laboratories, Inc.

05/25/2004 14:04

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

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Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View

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Project: 692-15
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Received: 05/19/2004 16:07

Prep(s): 5035

Test(s): 8260B

Method Blank**Soil****QC Batch # 2004/05/21-01.09**

MB: 2004/05/21-01.09-007

Date Extracted: 05/21/2004 14:19

Compound	Conc.	RL	Unit	Analyzed	Flag
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	05/21/2004 14:19	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	05/21/2004 14:19	
Vinyl acetate	ND	50	ug/Kg	05/21/2004 14:19	
Vinyl chloride	ND	5.0	ug/Kg	05/21/2004 14:19	
Total xylenes	ND	5.0	ug/Kg	05/21/2004 14:19	
Surrogates(s)					
4-Bromofluorobenzene	102.1	74-121	%	05/21/2004 14:19	
1,2-Dichloroethane-d4	85.5	70-121	%	05/21/2004 14:19	
Toluene-d8	96.6	81-117	%	05/21/2004 14:19	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 692-15

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Batch QC Report											
Prep(s): 5035		Test(s): 8260B									
Laboratory Control Spike			Soil			QC Batch # 2004/05/21-01.09					
LCS	2004/05/21-01.09-005		Extracted: 05/21/2004			Analyzed: 05/21/2004 13:17					
LCSD	2004/05/21-01.09-006		Extracted: 05/21/2004			Analyzed: 05/21/2004 13:53					
Compound	Conc. ug/Kg		Exp.Conc.		Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD			LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	108	97.4	100.0	108.0	97.4	10.3	69-129	20			
Chlorobenzene	109	102	100.0	109.0	102.0	6.6	61-121	20			
1,1-Dichloroethene	81.1	78.3	100.0	81.1	78.3	3.5	65-125	20			
Toluene	108	93.9	100.0	108.0	93.9	14.0	70-130	20			
Trichloroethene	107	93.2	100.0	107.0	93.2	13.8	74-134	20			
Surrogates(s)											
4-Bromofluorobenzene	583	540	500	116.6	108.0		74-121				
1,2-Dichloroethane-d4	466	386	500	93.2	77.2		70-121				
Toluene-d8	490	478	500	98.0	95.6		81-117				

Fuel Oxygenates by 8260B

Lowney & Associates Mountain View

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Project: 692-15

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Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB-1 @ 1.5-2.0`	05/18/2004 15:45	Soil	3
EB-2 @ 2.0-2.5`	05/18/2004 15:36	Soil	4
EB-3 @ 2.5-3.0`	05/18/2004 15:50	Soil	5
EB-4 @ 1.5-2.0`	05/18/2004 16:06	Soil	6
EB-5 @ 1.5-2.0`	05/18/2004 10:00	Soil	7
EB-8 @ 2.0-2.25`	05/18/2004 13:44	Soil	9
EB-9 @ 2.0-2.25`	05/18/2004 14:04	Soil	10
EB-10 @ 2.0-2.25`	05/18/2004 17:28	Soil	11
EB-11 @ 2.5-3.0`	05/18/2004 17:49	Soil	12
EB-12 @ 2.5-3.0`	05/18/2004 17:24	Soil	13
EB-13 @ 2.5-3.0`	05/18/2004 17:39	Soil	14

Fuel Oxygenates by 8260B

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Project: 692-15

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Prep(s):	5030B	Test(s):	8260B
Sample ID:	EB-1 @ 1.5-2.0`	Lab ID:	2004-05-0681 - 3
Sampled:	05/18/2004 15:45	Extracted:	5/24/2004 10:11
Matrix:	Soil	QC Batch#:	2004/05/24-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	05/24/2004 10:11	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	05/24/2004 10:11	
Benzene	ND	5.0	ug/Kg	1.00	05/24/2004 10:11	
Toluene	ND	5.0	ug/Kg	1.00	05/24/2004 10:11	
Ethyl benzene	ND	5.0	ug/Kg	1.00	05/24/2004 10:11	
Total xylenes	ND	5.0	ug/Kg	1.00	05/24/2004 10:11	
Surrogate(s)						
1,2-Dichloroethane-d4	95.4	72-124	%	1.00	05/24/2004 10:11	
Toluene-d8	87.5	75-116	%	1.00	05/24/2004 10:11	

Fuel Oxygenates by 8260B

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Project: 692-15

Received: 05/19/2004 16:07

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Prep(s):	5030B	Test(s):	8260B
Sample ID:	EB-2 @ 2.0-2.5`	Lab ID:	2004-05-0681 - 4
Sampled:	05/18/2004 15:36	Extracted:	5/24/2004 10:33
Matrix:	Soil	QC Batch#:	2004/05/24-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	05/24/2004 10:33	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	05/24/2004 10:33	
Benzene	ND	5.0	ug/Kg	1.00	05/24/2004 10:33	
Toluene	ND	5.0	ug/Kg	1.00	05/24/2004 10:33	
Ethyl benzene	ND	5.0	ug/Kg	1.00	05/24/2004 10:33	
Total xylenes	ND	5.0	ug/Kg	1.00	05/24/2004 10:33	
Surrogate(s)						
1,2-Dichloroethane-d4	97.2	72-124	%	1.00	05/24/2004 10:33	
Toluene-d8	85.4	75-116	%	1.00	05/24/2004 10:33	

Fuel Oxygenates by 8260B

Lowney & Associates Mountain View

Attn.: Stason Foster

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Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 692-15
Milpitas Library

Received: 05/19/2004 16:07

Prep(s):	5030B	Test(s):	8260B
Sample ID:	EB-3 @ 2.5-3.0`	Lab ID:	2004-05-0681 - 5
Sampled:	05/18/2004 15:50	Extracted:	5/24/2004 10:55
Matrix:	Soil	QC Batch#:	2004/05/24-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	05/24/2004 10:55	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	05/24/2004 10:55	
Benzene	ND	5.0	ug/Kg	1.00	05/24/2004 10:55	
Toluene	ND	5.0	ug/Kg	1.00	05/24/2004 10:55	
Ethyl benzene	ND	5.0	ug/Kg	1.00	05/24/2004 10:55	
Total xylenes	ND	5.0	ug/Kg	1.00	05/24/2004 10:55	
Surrogate(s)						
1,2-Dichloroethane-d4	100.1	72-124	%	1.00	05/24/2004 10:55	
Toluene-d8	100.2	75-116	%	1.00	05/24/2004 10:55	

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Prep(s):	5030B	Test(s):	8260B
Sample ID:	EB-4 @ 1.5-2.0`	Lab ID:	2004-05-0681 - 6
Sampled:	05/18/2004 16:06	Extracted:	5/24/2004 11:17
Matrix:	Soil	QC Batch#:	2004/05/24-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	05/24/2004 11:17	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	05/24/2004 11:17	
Benzene	ND	5.0	ug/Kg	1.00	05/24/2004 11:17	
Toluene	ND	5.0	ug/Kg	1.00	05/24/2004 11:17	
Ethyl benzene	ND	5.0	ug/Kg	1.00	05/24/2004 11:17	
Total xylenes	ND	5.0	ug/Kg	1.00	05/24/2004 11:17	
Surrogate(s)						
1,2-Dichloroethane-d4	107.6	72-124	%	1.00	05/24/2004 11:17	
Toluene-d8	107.0	75-116	%	1.00	05/24/2004 11:17	

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Prep(s):	5030B	Test(s):	8260B
Sample ID:	EB-5 @ 1.5-2.0`	Lab ID:	2004-05-0681 - 7
Sampled:	05/18/2004 10:00	Extracted:	5/24/2004 11:39
Matrix:	Soil	QC Batch#:	2004/05/24-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	05/24/2004 11:39	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	05/24/2004 11:39	
Benzene	ND	5.0	ug/Kg	1.00	05/24/2004 11:39	
Toluene	ND	5.0	ug/Kg	1.00	05/24/2004 11:39	
Ethyl benzene	ND	5.0	ug/Kg	1.00	05/24/2004 11:39	
Total xylenes	ND	5.0	ug/Kg	1.00	05/24/2004 11:39	
Surrogate(s)						
1,2-Dichloroethane-d4	98.0	72-124	%	1.00	05/24/2004 11:39	
Toluene-d8	82.3	75-116	%	1.00	05/24/2004 11:39	

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Prep(s):	5030B	Test(s):	8260B
Sample ID:	EB-8 @ 2.0-2.25`	Lab ID:	2004-05-0681 - 9
Sampled:	05/18/2004 13:44	Extracted:	5/24/2004 12:45
Matrix:	Soil	QC Batch#:	2004/05/24-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	05/24/2004 12:45	
Surrogate(s)						
1,2-Dichloroethane-d4	91.1	72-124	%	1.00	05/24/2004 12:45	
Toluene-d8	101.4	75-116	%	1.00	05/24/2004 12:45	

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Received: 05/19/2004 16:07

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Prep(s):	5030B	Test(s):	8260B
Sample ID:	EB-9 @ 2.0-2.25`	Lab ID:	2004-05-0681 - 10
Sampled:	05/18/2004 14:04	Extracted:	5/24/2004 14:57
Matrix:	Soil	QC Batch#:	2004/05/24-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	05/24/2004 14:57	
Surrogate(s)						
1,2-Dichloroethane-d4	111.1	72-124	%	1.00	05/24/2004 14:57	
Toluene-d8	85.5	75-116	%	1.00	05/24/2004 14:57	

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Received: 05/19/2004 16:07

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Prep(s):	5030B	Test(s):	8260B
Sample ID:	EB-10 @ 2.0-2.25`	Lab ID:	2004-05-0681 - 11
Sampled:	05/18/2004 17:28	Extracted:	5/24/2004 13:29
Matrix:	Soil	QC Batch#:	2004/05/24-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	05/24/2004 13:29	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	05/24/2004 13:29	
Benzene	ND	5.0	ug/Kg	1.00	05/24/2004 13:29	
Toluene	ND	5.0	ug/Kg	1.00	05/24/2004 13:29	
Ethyl benzene	ND	5.0	ug/Kg	1.00	05/24/2004 13:29	
Total xylenes	ND	5.0	ug/Kg	1.00	05/24/2004 13:29	
Surrogate(s)						
1,2-Dichloroethane-d4	93.5	72-124	%	1.00	05/24/2004 13:29	
Toluene-d8	92.9	75-116	%	1.00	05/24/2004 13:29	

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Project: 692-15

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Prep(s):	5030B	Test(s):	8260B
Sample ID:	EB-11 @ 2.5-3.0`	Lab ID:	2004-05-0681 - 12
Sampled:	05/18/2004 17:49	Extracted:	5/24/2004 13:51
Matrix:	Soil	QC Batch#:	2004/05/24-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	05/24/2004 13:51	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	05/24/2004 13:51	
Benzene	ND	5.0	ug/Kg	1.00	05/24/2004 13:51	
Toluene	ND	5.0	ug/Kg	1.00	05/24/2004 13:51	
Ethyl benzene	ND	5.0	ug/Kg	1.00	05/24/2004 13:51	
Total xylenes	ND	5.0	ug/Kg	1.00	05/24/2004 13:51	
Surrogate(s)						
1,2-Dichloroethane-d4	98.9	72-124	%	1.00	05/24/2004 13:51	
Toluene-d8	83.9	75-116	%	1.00	05/24/2004 13:51	

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Prep(s):	5030B	Test(s):	8260B
Sample ID:	EB-12 @ 2.5-3.0`	Lab ID:	2004-05-0681 - 13
Sampled:	05/18/2004 17:24	Extracted:	5/24/2004 15:19
Matrix:	Soil	QC Batch#:	2004/05/24-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	05/24/2004 15:19	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	05/24/2004 15:19	
Benzene	ND	5.0	ug/Kg	1.00	05/24/2004 15:19	
Toluene	ND	5.0	ug/Kg	1.00	05/24/2004 15:19	
Ethyl benzene	ND	5.0	ug/Kg	1.00	05/24/2004 15:19	
Total xylenes	ND	5.0	ug/Kg	1.00	05/24/2004 15:19	
Surrogate(s)						
1,2-Dichloroethane-d4	95.4	72-124	%	1.00	05/24/2004 15:19	
Toluene-d8	89.5	75-116	%	1.00	05/24/2004 15:19	

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Received: 05/19/2004 16:07

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Prep(s):	5030B	Test(s):	8260B
Sample ID:	EB-13 @ 2.5-3.0`	Lab ID:	2004-05-0681 - 14
Sampled:	05/18/2004 17:39	Extracted:	5/24/2004 15:41
Matrix:	Soil	QC Batch#:	2004/05/24-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	05/24/2004 15:41	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	05/24/2004 15:41	
Benzene	ND	5.0	ug/Kg	1.00	05/24/2004 15:41	
Toluene	ND	5.0	ug/Kg	1.00	05/24/2004 15:41	
Ethyl benzene	ND	5.0	ug/Kg	1.00	05/24/2004 15:41	
Total xylenes	ND	5.0	ug/Kg	1.00	05/24/2004 15:41	
Surrogate(s)						
1,2-Dichloroethane-d4	104.2	72-124	%	1.00	05/24/2004 15:41	
Toluene-d8	92.6	75-116	%	1.00	05/24/2004 15:41	

Fuel Oxygenates by 8260B

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Project: 692-15

Received: 05/19/2004 16:07

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Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank**Soil****QC Batch # 2004/05/24-01.62**

MB: 2004/05/24-01.62-043

Date Extracted: 05/24/2004 07:43

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	05/24/2004 07:43	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	05/24/2004 07:43	
Benzene	ND	5.0	ug/Kg	05/24/2004 07:43	
Toluene	ND	5.0	ug/Kg	05/24/2004 07:43	
Ethyl benzene	ND	5.0	ug/Kg	05/24/2004 07:43	
Total xylenes	ND	5.0	ug/Kg	05/24/2004 07:43	
Surrogates(s)					
1,2-Dichloroethane-d4	96.2	72-124	%	05/24/2004 07:43	
Toluene-d8	86.6	75-116	%	05/24/2004 07:43	

Fuel Oxygenates by 8260B

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Project: 692-15

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Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike**Soil****QC Batch # 2004/05/24-01.62**

LCS 2004/05/24-01.62-059

Extracted: 05/24/2004

Analyzed: 05/24/2004 06:59

LCSD 2004/05/24-01.62-021

Extracted: 05/24/2004

Analyzed: 05/24/2004 07:21

Compound	Conc.		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	53.1	54.4	50.0	106.2	108.8	2.4	65-165	20		
Benzene	52.7	50.6	50.0	105.4	101.2	4.1	69-129	20		
Toluene	50.0	45.7	50.0	100.0	91.4	9.0	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	444	465	500	88.8	93.0		72-124			
Toluene-d8	502	460	500	100.4	92.0		75-116			

Fuel Oxygenates by 8260B

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Batch QC Report														
Prep(s): 5030B				Soil				Test(s): 8260B						
Matrix Spike (MS / MSD)				QC Batch # 2004/05/24-01.62										
EB-4 @ 1.5-2.0` >> MS				Lab ID: 2004-05-0681 - 006										
MS:	2004/05/24-01.62-013			Extracted: 05/24/2004				Analyzed: 05/24/2004 14:13						
MSD:	2004/05/24-01.62-035			Extracted: 05/24/2004				Dilution: 1.00						
								Analyzed: 05/24/2004 14:35						
								Dilution: 1.00						

Compound	Conc. ug/Kg			Spk.Level ug/Kg	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	47.3	43.2	ND	47.3	100.0	94.7	5.4	65-165	20		
Benzene	37.3	35.1	ND	47.3	78.9	77.0	2.4	69-129	20		
Toluene	34.6	32.0	ND	47.3	73.2	70.2	4.2	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	468	441		500	93.6	88.2		72-124			
Toluene-d8	466	414		500	93.2	82.9		75-116			

CAM 17 Metals

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Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB-1 @ 1.5-2.0`	05/18/2004 15:45	Soil	3
EB-2 @ 2.0-2.5`	05/18/2004 15:36	Soil	4
EB-3 @ 2.5-3.0`	05/18/2004 15:50	Soil	5
EB-4 @ 1.5-2.0`	05/18/2004 16:06	Soil	6
EB-5 @ 1.5-2.0`	05/18/2004 10:00	Soil	7
EB-6 @ 1.5-2.0`	05/18/2004 13:50	Soil	8
EB-10 @ 2.0-2.25`	05/18/2004 17:28	Soil	11
EB-11 @ 2.5-3.0`	05/18/2004 17:49	Soil	12
EB-12 @ 2.5-3.0`	05/18/2004 17:24	Soil	13
EB-13 @ 2.5-3.0`	05/18/2004 17:39	Soil	14

CAM 17 Metals

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Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	EB-1 @ 1.5-2.0`	Lab ID:	2004-05-0681 - 3
Sampled:	05/18/2004 15:45	Extracted:	5/21/2004 11:11 5/21/2004 11:05
Matrix:	Soil	QC Batch#:	2004/05/21-02.15 2004/05/21-02.16

Analysis Flag: . (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	05/24/2004 21:20	
Arsenic	3.9	1.0	mg/Kg	1.00	05/24/2004 21:20	
Barium	170	1.0	mg/Kg	1.00	05/24/2004 21:20	
Beryllium	ND	0.50	mg/Kg	1.00	05/24/2004 21:20	
Cadmium	ND	0.50	mg/Kg	1.00	05/24/2004 21:20	
Chromium	37	1.0	mg/Kg	1.00	05/24/2004 21:20	
Cobalt	8.7	1.0	mg/Kg	1.00	05/24/2004 21:20	
Copper	31	1.0	mg/Kg	1.00	05/24/2004 21:20	
Lead	97	1.0	mg/Kg	1.00	05/24/2004 21:20	
Molybdenum	ND	1.0	mg/Kg	1.00	05/24/2004 21:20	
Nickel	60	1.0	mg/Kg	1.00	05/24/2004 21:20	
Selenium	ND	2.0	mg/Kg	1.00	05/24/2004 21:20	
Silver	ND	1.0	mg/Kg	1.00	05/24/2004 21:20	
Thallium	ND	1.0	mg/Kg	1.00	05/24/2004 21:20	
Vanadium	26	1.0	mg/Kg	1.00	05/24/2004 21:20	
Zinc	78	1.0	mg/Kg	1.00	05/24/2004 21:20	
Mercury	0.22	0.050	mg/Kg	1.00	05/25/2004 07:33	

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Received: 05/19/2004 16:07

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Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	EB-2 @ 2.0-2.5`	Lab ID:	2004-05-0681 - 4
Sampled:	05/18/2004 15:36	Extracted:	5/21/2004 11:11 5/21/2004 11:05
Matrix:	Soil	QC Batch#:	2004/05/21-02.15 2004/05/21-02.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	05/24/2004 21:48	
Arsenic	5.6	1.0	mg/Kg	1.00	05/24/2004 21:48	
Barium	140	1.0	mg/Kg	1.00	05/24/2004 21:48	
Beryllium	ND	0.50	mg/Kg	1.00	05/24/2004 21:48	
Cadmium	ND	0.50	mg/Kg	1.00	05/24/2004 21:48	
Chromium	40	1.0	mg/Kg	1.00	05/24/2004 21:48	
Cobalt	12	1.0	mg/Kg	1.00	05/24/2004 21:48	
Copper	32	1.0	mg/Kg	1.00	05/24/2004 21:48	
Lead	9.9	1.0	mg/Kg	1.00	05/24/2004 21:48	
Molybdenum	ND	1.0	mg/Kg	1.00	05/24/2004 21:48	
Nickel	65	1.0	mg/Kg	1.00	05/24/2004 21:48	
Selenium	ND	2.0	mg/Kg	1.00	05/24/2004 21:48	
Silver	ND	1.0	mg/Kg	1.00	05/24/2004 21:48	
Thallium	ND	1.0	mg/Kg	1.00	05/24/2004 21:48	
Vanadium	31	1.0	mg/Kg	1.00	05/24/2004 21:48	
Zinc	46	1.0	mg/Kg	1.00	05/24/2004 21:48	
Mercury	ND	0.050	mg/Kg	1.00	05/25/2004 07:37	

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Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	EB-3 @ 2.5-3.0`	Lab ID:	2004-05-0681 - 5
Sampled:	05/18/2004 15:50	Extracted:	5/21/2004 11:11 5/21/2004 11:05
Matrix:	Soil	QC Batch#:	2004/05/21-02.15 2004/05/21-02.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	05/24/2004 21:51	
Arsenic	3.9	1.0	mg/Kg	1.00	05/24/2004 21:51	
Barium	210	1.0	mg/Kg	1.00	05/24/2004 21:51	
Beryllium	ND	0.50	mg/Kg	1.00	05/24/2004 21:51	
Cadmium	ND	0.50	mg/Kg	1.00	05/24/2004 21:51	
Chromium	42	1.0	mg/Kg	1.00	05/24/2004 21:51	
Cobalt	13	1.0	mg/Kg	1.00	05/24/2004 21:51	
Copper	45	1.0	mg/Kg	1.00	05/24/2004 21:51	
Lead	6.6	1.0	mg/Kg	1.00	05/24/2004 21:51	
Molybdenum	ND	1.0	mg/Kg	1.00	05/24/2004 21:51	
Nickel	66	1.0	mg/Kg	1.00	05/24/2004 21:51	
Selenium	ND	2.0	mg/Kg	1.00	05/24/2004 21:51	
Silver	ND	1.0	mg/Kg	1.00	05/24/2004 21:51	
Thallium	ND	1.0	mg/Kg	1.00	05/24/2004 21:51	
Vanadium	28	1.0	mg/Kg	1.00	05/24/2004 21:51	
Zinc	55	1.0	mg/Kg	1.00	05/24/2004 21:51	
Mercury	ND	0.050	mg/Kg	1.00	05/25/2004 07:38	

CAM 17 Metals

Lowney & Associates Mountain View

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Project: 692-15

Received: 05/19/2004 16:07

Milpitas Library

Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	EB-4 @ 1.5-2.0`	Lab ID:	2004-05-0681 - 6
Sampled:	05/18/2004 16:06	Extracted:	5/21/2004 11:11 5/21/2004 11:05
Matrix:	Soil	QC Batch#:	2004/05/21-02.15 2004/05/21-02.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	05/24/2004 21:55	
Arsenic	5.3	1.0	mg/Kg	1.00	05/24/2004 21:55	
Barium	130	1.0	mg/Kg	1.00	05/24/2004 21:55	
Beryllium	ND	0.50	mg/Kg	1.00	05/24/2004 21:55	
Cadmium	ND	0.50	mg/Kg	1.00	05/24/2004 21:55	
Chromium	40	1.0	mg/Kg	1.00	05/24/2004 21:55	
Cobalt	11	1.0	mg/Kg	1.00	05/24/2004 21:55	
Copper	28	1.0	mg/Kg	1.00	05/24/2004 21:55	
Lead	7.3	1.0	mg/Kg	1.00	05/24/2004 21:55	
Molybdenum	ND	1.0	mg/Kg	1.00	05/24/2004 21:55	
Nickel	65	1.0	mg/Kg	1.00	05/24/2004 21:55	
Selenium	ND	2.0	mg/Kg	1.00	05/24/2004 21:55	
Silver	ND	1.0	mg/Kg	1.00	05/24/2004 21:55	
Thallium	ND	1.0	mg/Kg	1.00	05/24/2004 21:55	
Vanadium	28	1.0	mg/Kg	1.00	05/24/2004 21:55	
Zinc	47	1.0	mg/Kg	1.00	05/24/2004 21:55	
Mercury	ND	0.050	mg/Kg	1.00	05/25/2004 07:42	

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Project: 692-15

Received: 05/19/2004 16:07

Milpitas Library

Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	EB-5 @ 1.5-2.0`	Lab ID:	2004-05-0681 - 7
Sampled:	05/18/2004 10:00	Extracted:	5/21/2004 11:11 5/21/2004 11:05
Matrix:	Soil	QC Batch#:	2004/05/21-02.15 2004/05/21-02.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	05/24/2004 21:58	
Arsenic	4.6	1.0	mg/Kg	1.00	05/24/2004 21:58	
Barium	130	1.0	mg/Kg	1.00	05/24/2004 21:58	
Beryllium	ND	0.50	mg/Kg	1.00	05/24/2004 21:58	
Cadmium	ND	0.50	mg/Kg	1.00	05/24/2004 21:58	
Chromium	34	1.0	mg/Kg	1.00	05/24/2004 21:58	
Cobalt	9.0	1.0	mg/Kg	1.00	05/24/2004 21:58	
Copper	52	1.0	mg/Kg	1.00	05/24/2004 21:58	
Lead	46	1.0	mg/Kg	1.00	05/24/2004 21:58	
Molybdenum	ND	1.0	mg/Kg	1.00	05/24/2004 21:58	
Nickel	57	1.0	mg/Kg	1.00	05/24/2004 21:58	
Selenium	ND	2.0	mg/Kg	1.00	05/24/2004 21:58	
Silver	ND	1.0	mg/Kg	1.00	05/24/2004 21:58	
Thallium	ND	1.0	mg/Kg	1.00	05/24/2004 21:58	
Vanadium	25	1.0	mg/Kg	1.00	05/24/2004 21:58	
Zinc	100	1.0	mg/Kg	1.00	05/24/2004 21:58	
Mercury	0.12	0.050	mg/Kg	1.00	05/25/2004 07:43	

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Project: 692-15

Received: 05/19/2004 16:07

Milpitas Library

Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	EB-6 @ 1.5-2.0`	Lab ID:	2004-05-0681 - 8
Sampled:	05/18/2004 13:50	Extracted:	5/21/2004 11:11 5/21/2004 11:05
Matrix:	Soil	QC Batch#:	2004/05/21-02.15 2004/05/21-02.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	05/24/2004 22:01	
Arsenic	4.9	1.0	mg/Kg	1.00	05/24/2004 22:01	
Barium	86	1.0	mg/Kg	1.00	05/24/2004 22:01	
Beryllium	ND	0.50	mg/Kg	1.00	05/24/2004 22:01	
Cadmium	ND	0.50	mg/Kg	1.00	05/24/2004 22:01	
Chromium	34	1.0	mg/Kg	1.00	05/24/2004 22:01	
Cobalt	11	1.0	mg/Kg	1.00	05/24/2004 22:01	
Copper	73	1.0	mg/Kg	1.00	05/24/2004 22:01	
Lead	58	1.0	mg/Kg	1.00	05/24/2004 22:01	
Molybdenum	1.0	1.0	mg/Kg	1.00	05/24/2004 22:01	
Nickel	49	1.0	mg/Kg	1.00	05/24/2004 22:01	
Selenium	ND	2.0	mg/Kg	1.00	05/24/2004 22:01	
Silver	ND	1.0	mg/Kg	1.00	05/24/2004 22:01	
Thallium	ND	1.0	mg/Kg	1.00	05/24/2004 22:01	
Vanadium	31	1.0	mg/Kg	1.00	05/24/2004 22:01	
Zinc	120	1.0	mg/Kg	1.00	05/24/2004 22:01	
Mercury	0.069	0.050	mg/Kg	1.00	05/25/2004 07:44	

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Project: 692-15

Received: 05/19/2004 16:07

Milpitas Library

Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	EB-10 @ 2.0-2.25`	Lab ID:	2004-05-0681 - 11
Sampled:	05/18/2004 17:28	Extracted:	5/21/2004 11:11 5/21/2004 11:05
Matrix:	Soil	QC Batch#:	2004/05/21-02.15 2004/05/21-02.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	05/24/2004 22:05	
Arsenic	3.9	1.0	mg/Kg	1.00	05/24/2004 22:05	
Barium	110	1.0	mg/Kg	1.00	05/24/2004 22:05	
Beryllium	ND	0.50	mg/Kg	1.00	05/24/2004 22:05	
Cadmium	ND	0.50	mg/Kg	1.00	05/24/2004 22:05	
Chromium	27	1.0	mg/Kg	1.00	05/24/2004 22:05	
Cobalt	7.1	1.0	mg/Kg	1.00	05/24/2004 22:05	
Copper	30	1.0	mg/Kg	1.00	05/24/2004 22:05	
Lead	25	1.0	mg/Kg	1.00	05/24/2004 22:05	
Molybdenum	ND	1.0	mg/Kg	1.00	05/24/2004 22:05	
Nickel	39	1.0	mg/Kg	1.00	05/24/2004 22:05	
Selenium	ND	2.0	mg/Kg	1.00	05/24/2004 22:05	
Silver	ND	1.0	mg/Kg	1.00	05/24/2004 22:05	
Thallium	ND	1.0	mg/Kg	1.00	05/24/2004 22:05	
Vanadium	21	1.0	mg/Kg	1.00	05/24/2004 22:05	
Zinc	59	1.0	mg/Kg	1.00	05/24/2004 22:05	
Mercury	0.10	0.050	mg/Kg	1.00	05/25/2004 07:45	

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Project: 692-15

Received: 05/19/2004 16:07

Milpitas Library

Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	EB-11 @ 2.5-3.0`	Lab ID:	2004-05-0681 - 12
Sampled:	05/18/2004 17:49	Extracted:	5/21/2004 11:11 5/21/2004 11:05
Matrix:	Soil	QC Batch#:	2004/05/21-02.15 2004/05/21-02.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	05/24/2004 22:08	
Arsenic	3.9	1.0	mg/Kg	1.00	05/24/2004 22:08	
Barium	150	1.0	mg/Kg	1.00	05/24/2004 22:08	
Beryllium	ND	0.50	mg/Kg	1.00	05/24/2004 22:08	
Cadmium	ND	0.50	mg/Kg	1.00	05/24/2004 22:08	
Chromium	40	1.0	mg/Kg	1.00	05/24/2004 22:08	
Cobalt	10	1.0	mg/Kg	1.00	05/24/2004 22:08	
Copper	29	1.0	mg/Kg	1.00	05/24/2004 22:08	
Lead	8.7	1.0	mg/Kg	1.00	05/24/2004 22:08	
Molybdenum	ND	1.0	mg/Kg	1.00	05/24/2004 22:08	
Nickel	60	1.0	mg/Kg	1.00	05/24/2004 22:08	
Selenium	ND	2.0	mg/Kg	1.00	05/24/2004 22:08	
Silver	ND	1.0	mg/Kg	1.00	05/24/2004 22:08	
Thallium	ND	1.0	mg/Kg	1.00	05/24/2004 22:08	
Vanadium	23	1.0	mg/Kg	1.00	05/24/2004 22:08	
Zinc	52	1.0	mg/Kg	1.00	05/24/2004 22:08	
Mercury	0.057	0.050	mg/Kg	1.00	05/25/2004 07:47	

CAM 17 Metals

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Project: 692-15

Received: 05/19/2004 16:07

Milpitas Library

Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	EB-12 @ 2.5-3.0`	Lab ID:	2004-05-0681 - 13
Sampled:	05/18/2004 17:24	Extracted:	5/21/2004 11:11 5/21/2004 11:05
Matrix:	Soil	QC Batch#:	2004/05/21-02.15 2004/05/21-02.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	05/24/2004 22:11	
Arsenic	3.7	1.0	mg/Kg	1.00	05/24/2004 22:11	
Barium	170	1.0	mg/Kg	1.00	05/24/2004 22:11	
Beryllium	ND	0.50	mg/Kg	1.00	05/24/2004 22:11	
Cadmium	ND	0.50	mg/Kg	1.00	05/24/2004 22:11	
Chromium	40	1.0	mg/Kg	1.00	05/24/2004 22:11	
Cobalt	11	1.0	mg/Kg	1.00	05/24/2004 22:11	
Copper	33	1.0	mg/Kg	1.00	05/24/2004 22:11	
Lead	6.6	1.0	mg/Kg	1.00	05/24/2004 22:11	
Molybdenum	ND	1.0	mg/Kg	1.00	05/24/2004 22:11	
Nickel	66	1.0	mg/Kg	1.00	05/24/2004 22:11	
Selenium	ND	2.0	mg/Kg	1.00	05/24/2004 22:11	
Silver	ND	1.0	mg/Kg	1.00	05/24/2004 22:11	
Thallium	ND	1.0	mg/Kg	1.00	05/24/2004 22:11	
Vanadium	25	1.0	mg/Kg	1.00	05/24/2004 22:11	
Zinc	60	1.0	mg/Kg	1.00	05/24/2004 22:11	
Mercury	ND	0.050	mg/Kg	1.00	05/25/2004 07:48	

CAM 17 Metals

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Project: 692-15

Received: 05/19/2004 16:07

Milpitas Library

Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	EB-13 @ 2.5-3.0`	Lab ID:	2004-05-0681 - 14
Sampled:	05/18/2004 17:39	Extracted:	5/21/2004 11:11 5/21/2004 11:05
Matrix:	Soil	QC Batch#:	2004/05/21-02.15 2004/05/21-02.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	05/24/2004 22:14	
Arsenic	4.9	1.0	mg/Kg	1.00	05/24/2004 22:14	
Barium	120	1.0	mg/Kg	1.00	05/24/2004 22:14	
Beryllium	ND	0.50	mg/Kg	1.00	05/24/2004 22:14	
Cadmium	0.52	0.50	mg/Kg	1.00	05/24/2004 22:14	
Chromium	33	1.0	mg/Kg	1.00	05/24/2004 22:14	
Cobalt	9.0	1.0	mg/Kg	1.00	05/24/2004 22:14	
Copper	71	1.0	mg/Kg	1.00	05/24/2004 22:14	
Lead	20	1.0	mg/Kg	1.00	05/24/2004 22:14	
Molybdenum	1.2	1.0	mg/Kg	1.00	05/24/2004 22:14	
Nickel	55	1.0	mg/Kg	1.00	05/24/2004 22:14	
Selenium	ND	2.0	mg/Kg	1.00	05/24/2004 22:14	
Silver	ND	1.0	mg/Kg	1.00	05/24/2004 22:14	
Thallium	ND	1.0	mg/Kg	1.00	05/24/2004 22:14	
Vanadium	26	1.0	mg/Kg	1.00	05/24/2004 22:14	
Zinc	91	1.0	mg/Kg	1.00	05/24/2004 22:14	
Mercury	0.14	0.050	mg/Kg	1.00	05/25/2004 07:49	

CAM 17 Metals

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Project: 692-15

Received: 05/19/2004 16:07

Milpitas Library

Batch QC Report					
Prep(s):	3050B	Method Blank	Soil	Test(s):	6010B
MB:	2004/05/21-02.15-172			QC Batch #	2004/05/21-02.15
				Date Extracted:	05/21/2004 11:11

Compound	Conc.	RL	Unit	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	05/24/2004 21:08	
Arsenic	ND	1.0	mg/Kg	05/24/2004 21:08	
Barium	ND	1.0	mg/Kg	05/24/2004 21:08	
Beryllium	ND	0.50	mg/Kg	05/24/2004 21:08	
Cadmium	ND	0.50	mg/Kg	05/24/2004 21:08	
Chromium	ND	1.0	mg/Kg	05/24/2004 21:08	
Cobalt	ND	1.0	mg/Kg	05/24/2004 21:08	
Copper	ND	1.0	mg/Kg	05/24/2004 21:08	
Lead	ND	1.0	mg/Kg	05/24/2004 21:08	
Molybdenum	ND	1.0	mg/Kg	05/24/2004 21:08	
Nickel	ND	1.0	mg/Kg	05/24/2004 21:08	
Selenium	ND	2.0	mg/Kg	05/24/2004 21:08	
Silver	ND	1.0	mg/Kg	05/24/2004 21:08	
Thallium	ND	1.0	mg/Kg	05/24/2004 21:08	
Vanadium	ND	1.0	mg/Kg	05/24/2004 21:08	
Zinc	ND	1.0	mg/Kg	05/24/2004 21:08	

CAM 17 Metals

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Project: 692-15

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Milpitas Library

Batch QC Report

Prep(s): 7471A

Test(s): 7471A

Method Blank**Soil****QC Batch # 2004/05/21-02.16**

MB: 2004/05/21-02.16-040

Date Extracted: 05/21/2004 11:05

Compound	Conc.	RL	Unit	Analyzed	Flag
Mercury	ND	0.050	mg/Kg	05/25/2004 07:29	

CAM 17 Metals

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Project: 692-15

Received: 05/19/2004 16:07

Milpitas Library

Batch QC Report

Prep(s): 3050B

Test(s): 6010B

Laboratory Control Spike

Soil

QC Batch # 2004/05/21-02.15

LCS 2004/05/21-02.15-173

Extracted: 05/21/2004

Analyzed: 05/24/2004 21:13

LCSD 2004/05/21-02.15-174

Extracted: 05/21/2004

Analyzed: 05/24/2004 21:17

Compound	Conc.		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %	Flags		
	LCS	LCSD		LCS	LCSD			Rec.	RPD	LCS
Antimony	93.2	90.3	100.0	93.2	90.3	3.2	80-120	20		
Arsenic	95.4	92.4	100.0	95.4	92.4	3.2	80-120	20		
Barium	94.6	91.6	100.0	94.6	91.6	3.2	80-120	20		
Beryllium	95.4	92.1	100.0	95.4	92.1	3.5	80-120	20		
Cadmium	91.2	88.3	100.0	91.2	88.3	3.2	80-120	20		
Chromium	89.3	86.4	100.0	89.3	86.4	3.3	80-120	20		
Cobalt	93.6	90.6	100.0	93.6	90.6	3.3	80-120	20		
Copper	95.8	92.9	100.0	95.8	92.9	3.1	80-120	20		
Lead	89.2	86.1	100.0	89.2	86.1	3.5	80-120	20		
Molybdenum	94.2	90.8	100.0	94.2	90.8	3.7	80-120	20		
Nickel	91.5	88.4	100.0	91.5	88.4	3.4	80-120	20		
Selenium	83.6	81.1	100.0	83.6	81.1	3.0	80-120	20		
Silver	93.0	90.0	100.0	93.0	90.0	3.3	80-120	20		
Thallium	92.2	88.7	100.0	92.2	88.7	3.9	80-120	20		
Vanadium	94.7	91.5	100.0	94.7	91.5	3.4	80-120	20		
Zinc	88.5	85.3	100.0	88.5	85.3	3.7	80-120	20		

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Project: 692-15

Received: 05/19/2004 16:07

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Batch QC Report

Prep(s): 7471A

Test(s): 7471A

Laboratory Control Spike**Soil****QC Batch # 2004/05/21-02.16**

LCS 2004/05/21-02.16-041

Extracted: 05/21/2004

Analyzed: 05/25/2004 07:31

LCSD 2004/05/21-02.16-042

Extracted: 05/21/2004

Analyzed: 05/25/2004 07:32

Compound	Conc.		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %	Flags			
	LCS	LCSD		LCS	LCSD			Rec.	RPD	LCS	LCSD
Mercury	0.461	0.454	0.500	92.2	90.8	1.5	85-115	20			

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Project: 692-15

Received: 05/19/2004 16:07

Milpitas Library

Batch QC Report														
Prep(s): 3050B				Soil				Test(s): 6010B						
Matrix Spike (MS / MSD)				QC Batch # 2004/05/21-02.15										
EB-1 @ 1.5-2.0` >> MS				Lab ID: 2004-05-0681 - 003										
MS:	2004/05/21-02.15-176			Extracted: 05/21/2004				Analyzed: 05/24/2004 21:24						
MSD:	2004/05/21-02.15-177			Extracted: 05/21/2004				Dilution: 1.00						
								Analyzed: 05/24/2004 21:27						
								Dilution: 1.00						

Compound	Conc. mg/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		mg/Kg	MS	MSD	RPD	Rec.	RPD	MS
Antimony	18.7	17.9	ND	99.0	18.9	18.4	2.7	75-125	20	mso	mso
Arsenic	73.3	69.0	3.94	99.0	70.1	67.0	4.5	75-125	20	mso	mso
Barium	244	255	168	99.0	76.8	89.6	15.4	75-125	20		
Beryllium	73.3	71.3	ND	99.0	74.0	73.4	0.8	75-125	20	mso	mso
Cadmium	66.5	64.7	ND	99.0	67.2	66.6	0.9	75-125	20	mso	mso
Chromium	105	104	36.6	99.0	69.1	69.4	0.4	75-125	20	mso	mso
Cobalt	76.6	75.0	8.74	99.0	68.5	68.2	0.4	75-125	20	mso	mso
Copper	104	100	30.5	99.0	74.2	71.6	3.6	75-125	20	mso	mso
Lead	203	163	96.8	99.0	107.3	68.2	44.6	75-125	20		
Molybdenum	60.8	57.2	ND	99.0	61.4	58.9	4.2	75-125	20	mso	mso
Nickel	124	125	59.7	99.0	64.9	67.3	3.6	75-125	20	mso	mso
Selenium	62.9	59.8	ND	99.0	63.5	61.6	3.0	75-125	20	mso	mso
Silver	74.9	72.9	ND	99.0	75.7	75.1	0.8	75-125	20		
Thallium	66.2	64.9	ND	99.0	66.9	66.8	0.1	75-125	20	mso	mso
Vanadium	98.8	95.4	25.9	99.0	73.6	71.6	2.8	75-125	20	mso	mso
Zinc	163	132	77.7	99.0	86.2	55.9	42.6	75-125	20		

CAM 17 Metals

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Batch QC Report												
Prep(s): 7471A Test(s): 7471A												
Matrix Spike (MS / MSD)				Soil			QC Batch # 2004/05/21-02.16					
EB-1 @ 1.5-2.0` >> MS							Lab ID: 2004-05-0681 - 003					
MS: 2004/05/21-02.16-044		Extracted: 05/21/2004		Analyzed: 05/25/2004 07:34			Dilution: 1.00					
MSD: 2004/05/21-02.16-045		Extracted: 05/21/2004		Analyzed: 05/25/2004 07:36			Dilution: 1.00					
Compound	Conc. mg/Kg			Spk.Level	Recovery %			Limits %		Flags		
	MS	MSD	Sample	mg/Kg	MS	MSD	RPD	Rec.	RPD	MS	MSD	
Mercury	0.673	0.726	0.217	0.495	92.1	100.8	9.0	85-115	20			

CAM 17 Metals

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Legend and Notes

Analysis Flag

Result Flag

mso

MS/MSD spike recoveries were out of QC limits due to matrix interference.
Precision and Accuracy were verified by LCS/LCSD.

Fuel Oxygenates by 8260B

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Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB-5	05/18/2004 10:45	Water	1
EB-7	05/18/2004 13:20	Water	2

Fuel Oxygenates by 8260B

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Prep(s):	5030B	Test(s):	8260B
Sample ID:	EB-5	Lab ID:	2004-05-0681 - 1
Sampled:	05/18/2004 10:45	Extracted:	5/25/2004 19:21
Matrix:	Water	QC Batch#:	2004/05/25-02.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	05/25/2004 19:21	
Methyl tert-butyl ether (MTBE)	9.6	0.50	ug/L	1.00	05/25/2004 19:21	
Benzene	ND	0.50	ug/L	1.00	05/25/2004 19:21	
Toluene	ND	0.50	ug/L	1.00	05/25/2004 19:21	
Ethylbenzene	ND	0.50	ug/L	1.00	05/25/2004 19:21	
Total xylenes	ND	1.0	ug/L	1.00	05/25/2004 19:21	
Surrogate(s)						
1,2-Dichloroethane-d4	108.1	72-128	%	1.00	05/25/2004 19:21	
Toluene-d8	94.2	80-113	%	1.00	05/25/2004 19:21	

Fuel Oxygenates by 8260B

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Prep(s):	5030B	Test(s):	8260B
Sample ID:	EB-7	Lab ID:	2004-05-0681 - 2
Sampled:	05/18/2004 13:20	Extracted:	5/25/2004 19:40
Matrix:	Water	QC Batch#:	2004/05/25-02.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	05/25/2004 19:40	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	05/25/2004 19:40	
Benzene	ND	0.50	ug/L	1.00	05/25/2004 19:40	
Toluene	ND	0.50	ug/L	1.00	05/25/2004 19:40	
Ethylbenzene	ND	0.50	ug/L	1.00	05/25/2004 19:40	
Total xylenes	ND	1.0	ug/L	1.00	05/25/2004 19:40	
Surrogate(s)						
1,2-Dichloroethane-d4	102.0	72-128	%	1.00	05/25/2004 19:40	
Toluene-d8	98.0	80-113	%	1.00	05/25/2004 19:40	

Fuel Oxygenates by 8260B

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Batch QC Report						
Prep(s): 5030B				Test(s): 8260B		
Method Blank	Water			QC Batch # 2004/05/25-02.68		
MB: 2004/05/25-02.68-052				Date Extracted: 05/25/2004 18:52		
Compound	Conc.	RL	Unit	Analyzed	Flag	
Gasoline	ND	50	ug/L	05/25/2004 18:52		
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	05/25/2004 18:52		
Benzene	ND	0.5	ug/L	05/25/2004 18:52		
Toluene	ND	0.5	ug/L	05/25/2004 18:52		
Ethylbenzene	ND	0.5	ug/L	05/25/2004 18:52		
Total xylenes	ND	1.0	ug/L	05/25/2004 18:52		
Surrogates(s)						
1,2-Dichloroethane-d4	98.8	72-128	%	05/25/2004 18:52		
Toluene-d8	100.8	80-113	%	05/25/2004 18:52		

Fuel Oxygenates by 8260B

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Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike**Water****QC Batch # 2004/05/25-02.68**

LCS 2004/05/25-02.68-014

Extracted: 05/25/2004

Analyzed: 05/25/2004 18:14

LCSD 2004/05/25-02.68-033

Extracted: 05/25/2004

Analyzed: 05/25/2004 18:33

Compound	Conc.		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	21.5	20.7	25.0	86.0	82.8	3.8	65-165	20		
Benzene	18.8	19.8	25.0	75.2	79.2	5.2	69-129	20		
Toluene	19.9	21.0	25.0	79.6	84.0	5.4	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	498	457	500	99.6	91.4		72-128			
Toluene-d8	490	504	500	98.0	100.8		80-113			

Organochlorine Pesticides Analysis

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Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB-1 @ 1.5-2.0`	05/18/2004 15:45	Soil	3

Organochlorine Pesticides Analysis

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Prep(s):	3550/8081	Test(s):	8081
Sample ID:	EB-1 @ 1.5-2.0`	Lab ID:	2004-05-0681 - 3
Sampled:	05/18/2004 15:45	Extracted:	5/24/2004 15:03
Matrix:	Soil	QC Batch#:	2004/05/24-01.13
Analysis Flag: Irn (See Legend and Note Section)			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/25/2004 14:48	
Dieldrin	ND	10	ug/Kg	5.00	05/25/2004 14:48	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/25/2004 14:48	
Endrin	ND	10	ug/Kg	5.00	05/25/2004 14:48	
Endrin ketone	ND	10	ug/Kg	5.00	05/25/2004 14:48	
Heptachlor	ND	10	ug/Kg	5.00	05/25/2004 14:48	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/25/2004 14:48	
4,4`-DDT	ND	10	ug/Kg	5.00	05/25/2004 14:48	
4,4`-DDE	ND	10	ug/Kg	5.00	05/25/2004 14:48	
4,4`-DDD	ND	10	ug/Kg	5.00	05/25/2004 14:48	
Endosulfan I	ND	10	ug/Kg	5.00	05/25/2004 14:48	
Endosulfan II	ND	10	ug/Kg	5.00	05/25/2004 14:48	
alpha-BHC	ND	10	ug/Kg	5.00	05/25/2004 14:48	
beta-BHC	ND	10	ug/Kg	5.00	05/25/2004 14:48	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/25/2004 14:48	
delta-BHC	ND	10	ug/Kg	5.00	05/25/2004 14:48	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/25/2004 14:48	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/25/2004 14:48	
Toxaphene	ND	500	ug/Kg	5.00	05/25/2004 14:48	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/25/2004 14:48	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/25/2004 14:48	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/25/2004 14:48	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	103.9	50-125	%	5.00	05/25/2004 14:48	
Decachlorobiphenyl (Pest/8081)	93.4	46-142	%	5.00	05/25/2004 14:48	

Organochlorine Pesticides Analysis

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Batch QC Report					
Prep(s): 3550/8081			Test(s): 8081		
Method Blank	Soil		QC Batch # 2004/05/24-01.13		
MB: 2004/05/24-01.13-001			Date Extracted: 05/24/2004 15:03		

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	05/25/2004 13:34	
Dieldrin	ND	2.0	ug/Kg	05/25/2004 13:34	
Endrin aldehyde	ND	2.0	ug/Kg	05/25/2004 13:34	
Endrin	ND	2.0	ug/Kg	05/25/2004 13:34	
Endrin ketone	ND	2.0	ug/Kg	05/25/2004 13:34	
Heptachlor	ND	2.0	ug/Kg	05/25/2004 13:34	
Heptachlor epoxide	ND	2.0	ug/Kg	05/25/2004 13:34	
4,4'-DDT	ND	2.0	ug/Kg	05/25/2004 13:34	
4,4'-DDE	ND	2.0	ug/Kg	05/25/2004 13:34	
4,4'-DDD	ND	2.0	ug/Kg	05/25/2004 13:34	
Endosulfan I	ND	2.0	ug/Kg	05/25/2004 13:34	
Endosulfan II	ND	2.0	ug/Kg	05/25/2004 13:34	
alpha-BHC	ND	2.0	ug/Kg	05/25/2004 13:34	
beta-BHC	ND	2.0	ug/Kg	05/25/2004 13:34	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	05/25/2004 13:34	
delta-BHC	ND	2.0	ug/Kg	05/25/2004 13:34	
Endosulfan sulfate	ND	2.0	ug/Kg	05/25/2004 13:34	
4,4'-Methoxychlor	ND	2.0	ug/Kg	05/25/2004 13:34	
Toxaphene	ND	100	ug/Kg	05/25/2004 13:34	
Chlordane (Technical)	ND	50	ug/Kg	05/25/2004 13:34	
alpha-Chlordane	ND	2.0	ug/Kg	05/25/2004 13:34	
gamma-Chlordane	ND	2.0	ug/Kg	05/25/2004 13:34	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	100.4	50-125	%	05/25/2004 13:34	
Decachlorobiphenyl (Pest/8081)	106.0	46-142	%	05/25/2004 13:34	

Organochlorine Pesticides Analysis

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Batch QC Report

Prep(s): 3550/8081

Test(s): 8081

Laboratory Control Spike**Soil****QC Batch # 2004/05/24-01.13**

LCS 2004/05/24-01.13-002

Extracted: 05/24/2004

Analyzed: 05/26/2004 12:12

LCSD 2004/05/24-01.13-003

Extracted: 05/24/2004

Analyzed: 05/26/2004 12:36

Compound	Conc.		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Aldrin	15.5	15.3	16.6	93.4	92.2	1.3	37-136	35		
Dieldrin	16.3	16.2	16.6	98.2	97.6	0.6	58-135	35		
Endrin	16.6	16.6	16.6	100.0	100.0	0.0	58-134	35		
Heptachlor	16.4	15.9	16.6	98.8	95.8	3.1	40-136	35		
4,4'-DDT	18.4	20.7	16.6	110.8	124.7	11.8	55-132	35		
gamma-BHC (Lindane)	15.6	15.5	16.6	94.0	93.4	0.6	37-137	35		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	45.1	47.0	50	90.3	94.0		50-125	0		
Decachlorobiphenyl	47.3	48.6	50	94.6	97.3		46-142	0		

Organochlorine Pesticides Analysis

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Batch QC Report

Prep(s): 3550/8081

Test(s): 8081

Matrix Spike (MS / MSD)

Soil

QC Batch # 2004/05/24-01.13

EB-1 @ 1.5-2.0` >> MS

Lab ID: 2004-05-0681 - 003

MS: 2004/05/24-01.13-004

Extracted: 05/24/2004

Analyzed: 05/25/2004 15:13

MSD: 2004/05/24-01.13-005

Extracted: 05/24/2004

Analyzed: 05/25/2004 15:37

Dilution: 5.00

Dilution: 5.00

Compound	Conc. ug/Kg			Spk.Level ug/Kg	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Aldrin	16.5	18.2	ND	16.5	100.0	109.6	9.2	37-136	35		
Dieldrin	20.7	26.2	ND	16.5	125.5	157.8	22.8	58-135	35		
Endrin	18.6	21.0	ND	16.5	112.7	126.5	11.5	58-134	35		
Heptachlor	19.8	20.6	ND	16.5	120.0	124.1	3.4	40-136	35		
4,4'-DDT	19.7	20.6	ND	16.5	119.4	124.1	3.9	55-132	35		
gamma-BHC (Lindane)	18.6	20.1	ND	16.5	112.7	121.1	7.2	37-137	35		
Surrogate(s)											
2,4,5,6-Tetrachloro-m-xylene	55.4	57.5		50	110.8	115.0		50-125	0		
Decachlorobiphenyl	38.9	59.8		50	77.8	119.6		46-142	0		

Organochlorine Pesticides Analysis

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Legend and Notes

Analysis Flag

lrn

Reporting limits raised due to high level of non-target analyte materials.

Result Flag

mso

MS/MSD spike recoveries were out of QC limits due to matrix interference.
Precision and Accuracy were verified by LCS/LCSD.

Total Extractable Petroleum Hydrocarbons (TEPH)

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Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB-5	05/18/2004 10:45	Water	1
EB-7	05/18/2004 13:20	Water	2
EB-1 @ 1.5-2.0`	05/18/2004 15:45	Soil	3
EB-2 @ 2.0-2.5`	05/18/2004 15:36	Soil	4
EB-3 @ 2.5-3.0`	05/18/2004 15:50	Soil	5
EB-4 @ 1.5-2.0`	05/18/2004 16:06	Soil	6
EB-5 @ 1.5-2.0`	05/18/2004 10:00	Soil	7
EB-6 @ 1.5-2.0`	05/18/2004 13:50	Soil	8
EB-8 @ 2.0-2.25`	05/18/2004 13:44	Soil	9
EB-9 @ 2.0-2.25`	05/18/2004 14:04	Soil	10
EB-10 @ 2.0-2.25`	05/18/2004 17:28	Soil	11
EB-11 @ 2.5-3.0`	05/18/2004 17:49	Soil	12
EB-12 @ 2.5-3.0`	05/18/2004 17:24	Soil	13
EB-13 @ 2.5-3.0`	05/18/2004 17:39	Soil	14

Total Extractable Petroleum Hydrocarbons (TEPH)

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Milpitas Library

Prep(s):	3510/8015M	Test(s):	8015M			
Sample ID:	EB-5	Lab ID:	2004-05-0681 - 1			
Sampled:	05/18/2004 10:45	Extracted:	5/22/2004 07:44			
Matrix:	Water	QC Batch#:	2004/05/22-01.10			
Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	68	50	ug/L	1.00	05/25/2004 11:05	ndp
Motor Oil	ND	500	ug/L	1.00	05/25/2004 11:05	
Surrogate(s)						
o-Terphenyl	73.2	60-130	%	1.00	05/25/2004 11:05	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	EB-7	Lab ID:	2004-05-0681 - 2
Sampled:	05/18/2004 13:20	Extracted:	5/22/2004 07:44
Matrix:	Water	QC Batch#:	2004/05/22-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	180	50	ug/L	1.00	05/24/2004 12:25	ndp
Motor Oil	ND	500	ug/L	1.00	05/24/2004 12:25	
Surrogate(s)						
o-Terphenyl	75.4	60-130	%	1.00	05/24/2004 12:25	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	EB-1 @ 1.5-2.0`	Lab ID:	2004-05-0681 - 3
Sampled:	05/18/2004 15:45	Extracted:	5/21/2004 12:01
Matrix:	Soil	QC Batch#:	2004/05/21-07.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	280	5.0	mg/Kg	5.00	05/22/2004 17:58	ldr
Motor Oil	1000	250	mg/Kg	5.00	05/22/2004 17:58	
Surrogate(s)						
o-Terphenyl	NA	60-130	%	5.00	05/22/2004 17:58	sd

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 692-15

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Milpitas Library

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	EB-2 @ 2.0-2.5`	Lab ID:	2004-05-0681 - 4
Sampled:	05/18/2004 15:36	Extracted:	5/21/2004 12:01
Matrix:	Soil	QC Batch#:	2004/05/21-07.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	05/22/2004 20:59	
Motor Oil	ND	50	mg/Kg	1.00	05/22/2004 20:59	
Surrogate(s)						
o-Terphenyl	76.1	60-130	%	1.00	05/22/2004 20:59	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 692-15

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Milpitas Library

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	EB-3 @ 2.5-3.0`	Lab ID:	2004-05-0681 - 5
Sampled:	05/18/2004 15:50	Extracted:	5/21/2004 12:01
Matrix:	Soil	QC Batch#:	2004/05/21-07.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	16	1.0	mg/Kg	1.00	05/22/2004 21:25	
Motor Oil	120	50	mg/Kg	1.00	05/22/2004 21:25	
Surrogate(s)						
o-Terphenyl	87.6	60-130	%	1.00	05/22/2004 21:25	

Total Extractable Petroleum Hydrocarbons (TEPH)

Lowney & Associates Mountain View

Attn.: Stason Foster

405 Clyde Ave

Mountain View, CA 94043-2209

Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 692-15

Received: 05/19/2004 16:07

Milpitas Library

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	EB-4 @ 1.5-2.0`	Lab ID:	2004-05-0681 - 6
Sampled:	05/18/2004 16:06	Extracted:	5/21/2004 12:01
Matrix:	Soil	QC Batch#:	2004/05/21-07.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	05/22/2004 21:52	
Motor Oil	ND	50	mg/Kg	1.00	05/22/2004 21:52	
Surrogate(s)						
o-Terphenyl	80.0	60-130	%	1.00	05/22/2004 21:52	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 692-15

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Milpitas Library

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	EB-5 @ 1.5-2.0`	Lab ID:	2004-05-0681 - 7
Sampled:	05/18/2004 10:00	Extracted:	5/21/2004 12:01
Matrix:	Soil	QC Batch#:	2004/05/21-07.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	8.6	1.0	mg/Kg	1.00	05/22/2004 22:18	
Motor Oil	66	50	mg/Kg	1.00	05/22/2004 22:18	
Surrogate(s)						
o-Terphenyl	81.3	60-130	%	1.00	05/22/2004 22:18	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 692-15

Received: 05/19/2004 16:07

Milpitas Library

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	EB-6 @ 1.5-2.0`	Lab ID:	2004-05-0681 - 8
Sampled:	05/18/2004 13:50	Extracted:	5/21/2004 12:01
Matrix:	Soil	QC Batch#:	2004/05/21-07.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	15	1.0	mg/Kg	1.00	05/22/2004 22:45	
Motor Oil	76	50	mg/Kg	1.00	05/22/2004 22:45	
Surrogate(s)						
o-Terphenyl	85.1	60-130	%	1.00	05/22/2004 22:45	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 692-15

Received: 05/19/2004 16:07

Milpitas Library

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	EB-8 @ 2.0-2.25`	Lab ID:	2004-05-0681 - 9
Sampled:	05/18/2004 13:44	Extracted:	5/21/2004 12:01
Matrix:	Soil	QC Batch#:	2004/05/21-07.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	8.1	1.0	mg/Kg	1.00	05/22/2004 23:11	
Motor Oil	57	50	mg/Kg	1.00	05/22/2004 23:11	
Surrogate(s)						
o-Terphenyl	84.3	60-130	%	1.00	05/22/2004 23:11	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 692-15

Received: 05/19/2004 16:07

Milpitas Library

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	EB-9 @ 2.0-2.25`	Lab ID:	2004-05-0681 - 10
Sampled:	05/18/2004 14:04	Extracted:	5/24/2004 11:03
Matrix:	Soil	QC Batch#:	2004/05/24-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	15	1.0	mg/Kg	1.00	05/26/2004 14:13	
Motor Oil	52	50	mg/Kg	1.00	05/26/2004 14:13	
Surrogate(s)						
o-Terphenyl	78.1	60-130	%	1.00	05/26/2004 14:13	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	EB-10 @ 2.0-2.25`	Lab ID:	2004-05-0681 - 11
Sampled:	05/18/2004 17:28	Extracted:	5/21/2004 12:01
Matrix:	Soil	QC Batch#:	2004/05/21-07.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1.2	1.0	mg/Kg	1.00	05/22/2004 23:38	
Motor Oil	ND	50	mg/Kg	1.00	05/22/2004 23:38	
Surrogate(s)						
o-Terphenyl	69.6	60-130	%	1.00	05/22/2004 23:38	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Received: 05/19/2004 16:07

Milpitas Library

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	EB-11 @ 2.5-3.0`	Lab ID:	2004-05-0681 - 12
Sampled:	05/18/2004 17:49	Extracted:	5/21/2004 12:01
Matrix:	Soil	QC Batch#:	2004/05/21-07.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	05/23/2004 00:05	
Motor Oil	ND	50	mg/Kg	1.00	05/23/2004 00:05	
Surrogate(s)						
o-Terphenyl	79.8	60-130	%	1.00	05/23/2004 00:05	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 692-15

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Milpitas Library

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	EB-12 @ 2.5-3.0`	Lab ID:	2004-05-0681 - 13
Sampled:	05/18/2004 17:24	Extracted:	5/21/2004 12:01
Matrix:	Soil	QC Batch#:	2004/05/21-07.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	15	1.0	mg/Kg	1.00	05/23/2004 00:58	
Motor Oil	67	50	mg/Kg	1.00	05/23/2004 00:58	
Surrogate(s)						
o-Terphenyl	83.0	60-130	%	1.00	05/23/2004 00:58	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 692-15

Received: 05/19/2004 16:07

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Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	EB-13 @ 2.5-3.0`	Lab ID:	2004-05-0681 - 14
Sampled:	05/18/2004 17:39	Extracted:	5/21/2004 12:01
Matrix:	Soil	QC Batch#:	2004/05/21-07.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1.7	1.0	mg/Kg	1.00	05/23/2004 00:31	
Motor Oil	ND	50	mg/Kg	1.00	05/23/2004 00:31	
Surrogate(s)						
o-Terphenyl	86.5	60-130	%	1.00	05/23/2004 00:31	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 692-15

Received: 05/19/2004 16:07

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Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Method Blank**Soil****QC Batch # 2004/05/21-07.10**

MB: 2004/05/21-07.10-001

Date Extracted: 05/21/2004 12:01

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	05/22/2004 04:31	
Motor Oil	ND	50	mg/Kg	05/22/2004 04:31	
Surrogates(s)					
o-Terphenyl	88.1	60-130	%	05/22/2004 04:31	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 692-15

Received: 05/19/2004 16:07

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Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Method Blank**Water****QC Batch # 2004/05/22-01.10**

MB: 2004/05/22-01.10-003

Date Extracted: 05/22/2004 07:44

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	05/22/2004 12:59	
Motor Oil	ND	500	ug/L	05/22/2004 12:59	
Surrogates(s)					
o-Terphenyl	68.3	60-130	%	05/22/2004 12:59	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Received: 05/19/2004 16:07

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Method Blank**Soil****QC Batch # 2004/05/24-04.10**

MB: 2004/05/24-04.10-001

Date Extracted: 05/24/2004 11:03

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	05/24/2004 14:48	
Motor Oil	ND	50	mg/Kg	05/24/2004 14:48	
Surrogates(s)					
o-Terphenyl	89.4	60-130	%	05/24/2004 14:48	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike**Soil****QC Batch # 2004/05/21-07.10**

LCS 2004/05/21-07.10-002

Extracted: 05/21/2004

Analyzed: 05/22/2004 04:58

LCSD 2004/05/21-07.10-003

Extracted: 05/21/2004

Analyzed: 05/22/2004 05:24

Compound	Conc.		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Diesel	29.8	29.0	41.5	71.8	70.0	2.5	60-130	25		
Surrogates(s)										
o-Terphenyl	16.9	17.0	20.0	84.4	84.8		60-130	0		

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 692-15

Received: 05/19/2004 16:07

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Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Laboratory Control Spike**Water****QC Batch # 2004/05/22-01.10**

LCS 2004/05/22-01.10-001

Extracted: 05/22/2004

Analyzed: 05/22/2004 14:02

LCSD 2004/05/22-01.10-002

Extracted: 05/22/2004

Analyzed: 05/22/2004 13:01

Compound	Conc.		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Diesel	887	784	1000	88.7	78.4	12.3	60-130	25		
Surrogates(s) o-Terphenyl	16.5	15.2	20.0	82.3	75.9		60-130	0		

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 692-15

Received: 05/19/2004 16:07

Milpitas Library

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike**Soil****QC Batch # 2004/05/24-04.10**

LCS 2004/05/24-04.10-002

Extracted: 05/24/2004

Analyzed: 05/24/2004 14:21

LCSD 2004/05/24-04.10-003

Extracted: 05/24/2004

Analyzed: 05/24/2004 14:48

Compound	Conc.		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Diesel	36.8	37.4	41.5	88.7	89.9	1.3	60-130	25		
Surrogates(s) o-Terphenyl	19.1	19.7	20.0	95.3	98.5		60-130	0		

Total Extractable Petroleum Hydrocarbons (TEPH)

Lowney & Associates Mountain View

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Project: 692-15

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Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Matrix Spike (MS / MSD)**Soil****QC Batch # 2004/05/21-07.10**

EB-13 @ 2.5-3.0` >> MS

Lab ID: 2004-05-0681 - 014

MS: 2004/05/21-07.10-004

Extracted: 05/21/2004

Analyzed: 05/25/2004 19:35

MSD: 2004/05/21-07.10-005

Extracted: 05/21/2004

Analyzed: 05/25/2004 20:02

Dilution: 1.00

Dilution: 1.00

Compound	Conc. mg/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		mg/Kg	MS	MSD	RPD	Rec.	RPD	MS
Diesel	46.5	69.6	1.73	41.5	107.9	164.7	41.7	60-130	25		
Surrogate(s) o-Terphenyl	19.1	19.2		20.0	95.5	95.8		60-130	0		mso,rpd

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 692-15

Received: 05/19/2004 16:07

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Legend and Notes**Result Flag**

ldr

Hydrocarbon reported is in the late Diesel range, and does not match our Diesel standard

mso

MS/MSD spike recoveries were out of QC limits due to matrix interference. Precision and Accuracy were verified by LCS/LCSD.

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

rpd

Analyte RPD was out of QC limits due to sample heterogeneity.

sd

Surrogate recovery not reportable due to required dilution.

Polynuclear Aromatic Hydrocarbons (PNA)

Lowney & Associates Mountain View

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Project: 692-15

Received: 05/19/2004 16:07

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Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB-2 @ 2.0-2.5`	05/18/2004 15:36	Soil	4
EB-3 @ 2.5-3.0`	05/18/2004 15:50	Soil	5
EB-4 @ 1.5-2.0`	05/18/2004 16:06	Soil	6
EB-6 @ 1.5-2.0`	05/18/2004 13:50	Soil	8
EB-12 @ 2.5-3.0`	05/18/2004 17:24	Soil	13

Polynuclear Aromatic Hydrocarbons (PNA)

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Project: 692-15

Received: 05/19/2004 16:07

Milpitas Library

Prep(s):	3550/8310	Test(s):	8310
Sample ID:	EB-2 @ 2.0-2.5`	Lab ID:	2004-05-0681 - 4
Sampled:	05/18/2004 15:36	Extracted:	5/24/2004 20:05
Matrix:	Soil	QC Batch#:	2004/05/24-02.18

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	15	ug/Kg	1.00	05/25/2004 17:41	
Acenaphthylene	ND	10	ug/Kg	1.00	05/25/2004 17:41	
Acenaphthene	ND	10	ug/Kg	1.00	05/25/2004 17:41	
Fluorene	ND	5.0	ug/Kg	1.00	05/25/2004 17:41	
Phenanthrene	ND	5.0	ug/Kg	1.00	05/25/2004 17:41	
Anthracene	ND	5.0	ug/Kg	1.00	05/25/2004 17:41	
Fluoranthene	ND	5.0	ug/Kg	1.00	05/25/2004 17:41	
Pyrene	ND	5.0	ug/Kg	1.00	05/25/2004 17:41	
Benzo(a)anthracene	ND	5.0	ug/Kg	1.00	05/25/2004 17:41	
Chrysene	ND	5.0	ug/Kg	1.00	05/25/2004 17:41	
Benzo(b)fluoranthene	ND	5.0	ug/Kg	1.00	05/25/2004 17:41	
Benzo(k)fluoranthene	ND	5.0	ug/Kg	1.00	05/25/2004 17:41	
Benzo(a)pyrene	ND	5.0	ug/Kg	1.00	05/25/2004 17:41	
Dibenzo(a,h)anthracene	ND	10	ug/Kg	1.00	05/25/2004 17:41	
Benzo(g,h,i)perylene	ND	10	ug/Kg	1.00	05/25/2004 17:41	
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg	1.00	05/25/2004 17:41	
Surrogate(s)						
1-Methyl naphthalene	52.9	50-150	%	1.00	05/25/2004 17:41	

Polynuclear Aromatic Hydrocarbons (PNA)

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Project: 692-15

Received: 05/19/2004 16:07

Milpitas Library

Prep(s):	3550/8310	Test(s):	8310
Sample ID:	EB-3 @ 2.5-3.0`	Lab ID:	2004-05-0681 - 5
Sampled:	05/18/2004 15:50	Extracted:	5/24/2004 20:05
Matrix:	Soil	QC Batch#:	2004/05/24-02.18

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	15	ug/Kg	1.00	05/25/2004 18:01	
Acenaphthylene	ND	10	ug/Kg	1.00	05/25/2004 18:01	
Acenaphthene	ND	10	ug/Kg	1.00	05/25/2004 18:01	
Fluorene	ND	5.0	ug/Kg	1.00	05/25/2004 18:01	
Phenanthrene	ND	5.0	ug/Kg	1.00	05/25/2004 18:01	
Anthracene	ND	5.0	ug/Kg	1.00	05/25/2004 18:01	
Fluoranthene	ND	5.0	ug/Kg	1.00	05/25/2004 18:01	
Pyrene	ND	5.0	ug/Kg	1.00	05/25/2004 18:01	
Benzo(a)anthracene	ND	5.0	ug/Kg	1.00	05/25/2004 18:01	
Chrysene	ND	5.0	ug/Kg	1.00	05/25/2004 18:01	
Benzo(b)fluoranthene	ND	5.0	ug/Kg	1.00	05/25/2004 18:01	
Benzo(k)fluoranthene	ND	5.0	ug/Kg	1.00	05/25/2004 18:01	
Benzo(a)pyrene	ND	5.0	ug/Kg	1.00	05/25/2004 18:01	
Dibenzo(a,h)anthracene	ND	10	ug/Kg	1.00	05/25/2004 18:01	
Benzo(g,h,i)perylene	ND	10	ug/Kg	1.00	05/25/2004 18:01	
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg	1.00	05/25/2004 18:01	
Surrogate(s)						
1-Methyl naphthalene	45.9	50-150	%	1.00	05/25/2004 18:01	sl

Polynuclear Aromatic Hydrocarbons (PNA)

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Received: 05/19/2004 16:07

Prep(s):	3550/8310	Test(s):	8310
Sample ID:	EB-4 @ 1.5-2.0`	Lab ID:	2004-05-0681 - 6
Sampled:	05/18/2004 16:06	Extracted:	5/24/2004 20:05
Matrix:	Soil	QC Batch#:	2004/05/24-02.18

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	15	ug/Kg	1.00	05/25/2004 18:22	
Acenaphthylene	ND	10	ug/Kg	1.00	05/25/2004 18:22	
Acenaphthene	ND	10	ug/Kg	1.00	05/25/2004 18:22	
Fluorene	ND	5.0	ug/Kg	1.00	05/25/2004 18:22	
Phenanthrene	ND	5.0	ug/Kg	1.00	05/25/2004 18:22	
Anthracene	ND	5.0	ug/Kg	1.00	05/25/2004 18:22	
Fluoranthene	ND	5.0	ug/Kg	1.00	05/25/2004 18:22	
Pyrene	ND	5.0	ug/Kg	1.00	05/25/2004 18:22	
Benzo(a)anthracene	ND	5.0	ug/Kg	1.00	05/25/2004 18:22	
Chrysene	ND	5.0	ug/Kg	1.00	05/25/2004 18:22	
Benzo(b)fluoranthene	ND	5.0	ug/Kg	1.00	05/25/2004 18:22	
Benzo(k)fluoranthene	ND	5.0	ug/Kg	1.00	05/25/2004 18:22	
Benzo(a)pyrene	ND	5.0	ug/Kg	1.00	05/25/2004 18:22	
Dibenzo(a,h)anthracene	ND	10	ug/Kg	1.00	05/25/2004 18:22	
Benzo(g,h,i)perylene	ND	10	ug/Kg	1.00	05/25/2004 18:22	
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg	1.00	05/25/2004 18:22	
Surrogate(s)						
1-Methyl naphthalene	50.8	50-150	%	1.00	05/25/2004 18:22	

Polynuclear Aromatic Hydrocarbons (PNA)

Lowney & Associates Mountain View

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Prep(s):	3550/8310	Test(s):	8310
Sample ID:	EB-6 @ 1.5-2.0`	Lab ID:	2004-05-0681 - 8
Sampled:	05/18/2004 13:50	Extracted:	5/24/2004 20:05
Matrix:	Soil	QC Batch#:	2004/05/24-02.18

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	15	ug/Kg	1.00	05/26/2004 09:49	
Acenaphthylene	ND	10	ug/Kg	1.00	05/26/2004 09:49	
Acenaphthene	ND	10	ug/Kg	1.00	05/26/2004 09:49	
Fluorene	ND	5.0	ug/Kg	1.00	05/26/2004 09:49	
Phenanthrene	ND	5.0	ug/Kg	1.00	05/26/2004 09:49	
Anthracene	ND	5.0	ug/Kg	1.00	05/26/2004 09:49	
Fluoranthene	ND	5.0	ug/Kg	1.00	05/26/2004 09:49	
Pyrene	ND	5.0	ug/Kg	1.00	05/26/2004 09:49	
Benzo(a)anthracene	ND	5.0	ug/Kg	1.00	05/26/2004 09:49	
Chrysene	ND	5.0	ug/Kg	1.00	05/26/2004 09:49	
Benzo(b)fluoranthene	ND	5.0	ug/Kg	1.00	05/26/2004 09:49	
Benzo(k)fluoranthene	ND	5.0	ug/Kg	1.00	05/26/2004 09:49	
Benzo(a)pyrene	ND	5.0	ug/Kg	1.00	05/26/2004 09:49	
Dibenzo(a,h)anthracene	ND	10	ug/Kg	1.00	05/26/2004 09:49	
Benzo(g,h,i)perylene	ND	10	ug/Kg	1.00	05/26/2004 09:49	
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg	1.00	05/26/2004 09:49	
Surrogate(s)						
1-Methyl naphthalene	73.3	50-150	%	1.00	05/26/2004 09:49	

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Prep(s):	3550/8310	Test(s):	8310
Sample ID:	EB-12 @ 2.5-3.0`	Lab ID:	2004-05-0681 - 13
Sampled:	05/18/2004 17:24	Extracted:	5/24/2004 20:05
Matrix:	Soil	QC Batch#:	2004/05/24-02.18

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	15	ug/Kg	1.00	05/26/2004 14:26	
Acenaphthylene	ND	10	ug/Kg	1.00	05/26/2004 14:26	
Acenaphthene	ND	10	ug/Kg	1.00	05/26/2004 14:26	
Fluorene	ND	5.0	ug/Kg	1.00	05/26/2004 14:26	
Phenanthrene	ND	5.0	ug/Kg	1.00	05/26/2004 14:26	
Anthracene	ND	5.0	ug/Kg	1.00	05/26/2004 14:26	
Fluoranthene	ND	5.0	ug/Kg	1.00	05/26/2004 14:26	
Pyrene	ND	5.0	ug/Kg	1.00	05/26/2004 14:26	
Benzo(a)anthracene	ND	5.0	ug/Kg	1.00	05/26/2004 14:26	
Chrysene	ND	5.0	ug/Kg	1.00	05/26/2004 14:26	
Benzo(b)fluoranthene	ND	5.0	ug/Kg	1.00	05/26/2004 14:26	
Benzo(k)fluoranthene	ND	5.0	ug/Kg	1.00	05/26/2004 14:26	
Benzo(a)pyrene	ND	5.0	ug/Kg	1.00	05/26/2004 14:26	
Dibenzo(a,h)anthracene	ND	10	ug/Kg	1.00	05/26/2004 14:26	
Benzo(g,h,i)perylene	ND	10	ug/Kg	1.00	05/26/2004 14:26	
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg	1.00	05/26/2004 14:26	
Surrogate(s)						
1-Methyl naphthalene	53.8	50-150	%	1.00	05/26/2004 14:26	

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Batch QC Report					
Prep(s): 3550/8310 Method Blank MB: 2004/05/24-02.18-001		Soil		Test(s): 8310 QC Batch # 2004/05/24-02.18 Date Extracted: 05/24/2004 20:05	
Compound	Conc.	RL	Unit	Analyzed	Flag
Naphthalene	ND	15.0	ug/Kg	05/25/2004 15:14	
Acenaphthylene	ND	10	ug/Kg	05/25/2004 15:14	
Acenaphthene	ND	10	ug/Kg	05/25/2004 15:14	
Fluorene	ND	5.0	ug/Kg	05/25/2004 15:14	
Phenanthrene	ND	5.0	ug/Kg	05/25/2004 15:14	
Anthracene	ND	5.0	ug/Kg	05/25/2004 15:14	
Fluoranthene	ND	5.0	ug/Kg	05/25/2004 15:14	
Pyrene	ND	5.0	ug/Kg	05/25/2004 15:14	
Benzo(a)anthracene	ND	5.0	ug/Kg	05/25/2004 15:14	
Chrysene	ND	5.0	ug/Kg	05/25/2004 15:14	
Benzo(b)fluoranthene	ND	5.0	ug/Kg	05/25/2004 15:14	
Benzo(k)fluoranthene	ND	5.0	ug/Kg	05/25/2004 15:14	
Benzo(a)pyrene	ND	5.0	ug/Kg	05/25/2004 15:14	
Dibenz(a,h)anthracene	ND	10.0	ug/Kg	05/25/2004 15:14	
Benzo(g,h,i)perylene	ND	10.0	ug/Kg	05/25/2004 15:14	
Indeno(1,2,3-cd)pyrene	ND	10.0	ug/Kg	05/25/2004 15:14	
Surrogates(s)					
1-Methyl naphthalene	71.1	50-150	%	05/25/2004 15:14	

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Batch QC Report

Prep(s): 3550/8310

Test(s): 8310

Laboratory Control Spike**Soil****QC Batch # 2004/05/24-02.18**

LCS 2004/05/24-02.18-002

Extracted: 05/24/2004

Analyzed: 05/25/2004 15:35

LCSD 2004/05/24-02.18-003

Extracted: 05/24/2004

Analyzed: 05/25/2004 15:56

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Naphthalene	171	143	333	51.4	42.9	18.0	40-150	35		
Phenanthrene	254	234	333	76.3	70.3	8.2	50-150	35		
Pyrene	251	236	333	75.4	70.9	6.2	50-150	35		
Chrysene	273	256	333	82.0	76.9	6.4	50-150	35		
Benzo(a)pyrene	205	193	333	61.6	58.0	6.0	50-150	35		
Surrogates(s)										
1-Methyl naphthalene	11.0	8.34	15	73.0	55.6		50-150	0		

Polynuclear Aromatic Hydrocarbons (PNA)

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Legend and Notes

Result Flag

sl

Surrogate recoveries were lower than QC limit due to matrix interference,
confirmed by reanalysis.

Halogenated Volatile Organic Compounds by 8021B/8260B

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Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB-5	05/18/2004 10:45	Water	1
EB-7	05/18/2004 13:20	Water	2

Halogenated Volatile Organic Compounds by 8021B/8260B

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Received: 05/19/2004 16:07

Prep(s):	5030B	Test(s):	8260B			
Sample ID:	EB-5	Lab ID:	2004-05-0681 - 1			
Sampled:	05/18/2004 10:45	Extracted:	5/28/2004 11:46			
Matrix:	Water	QC Batch#:	2004/05/28-1A.71			
Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	1.0	ug/L	1.00	05/28/2004 11:46	
Vinyl chloride	ND	0.50	ug/L	1.00	05/28/2004 11:46	
Chloroethane	ND	1.0	ug/L	1.00	05/28/2004 11:46	
Trichlorofluoromethane	ND	1.0	ug/L	1.00	05/28/2004 11:46	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	05/28/2004 11:46	
Methylene chloride	ND	5.0	ug/L	1.00	05/28/2004 11:46	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	05/28/2004 11:46	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	05/28/2004 11:46	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	05/28/2004 11:46	
Chloroform	ND	0.50	ug/L	1.00	05/28/2004 11:46	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	05/28/2004 11:46	
Carbon tetrachloride	ND	0.50	ug/L	1.00	05/28/2004 11:46	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	05/28/2004 11:46	
Trichloroethene	ND	0.50	ug/L	1.00	05/28/2004 11:46	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	05/28/2004 11:46	
Bromodichloromethane	ND	0.50	ug/L	1.00	05/28/2004 11:46	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	05/28/2004 11:46	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	05/28/2004 11:46	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	05/28/2004 11:46	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	05/28/2004 11:46	
Tetrachloroethene	ND	0.50	ug/L	1.00	05/28/2004 11:46	
Dibromochloromethane	ND	0.50	ug/L	1.00	05/28/2004 11:46	
Chlorobenzene	ND	0.50	ug/L	1.00	05/28/2004 11:46	
Bromoform	ND	2.0	ug/L	1.00	05/28/2004 11:46	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	05/28/2004 11:46	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	05/28/2004 11:46	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	05/28/2004 11:46	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	05/28/2004 11:46	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	05/28/2004 11:46	
Chloromethane	ND	1.0	ug/L	1.00	05/28/2004 11:46	

Halogenated Volatile Organic Compounds by 8021B/8260B

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Prep(s):	5030B	Test(s):	8260B
Sample ID:	EB-5	Lab ID:	2004-05-0681 - 1
Sampled:	05/18/2004 10:45	Extracted:	5/28/2004 11:46
Matrix:	Water	QC Batch#:	2004/05/28-1A.71

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Bromomethane	ND	1.0	ug/L	1.00	05/28/2004 11:46	
Surrogate(s)						
4-Bromofluorobenzene	88.8	86-115	%	1.00	05/28/2004 11:46	
1,2-Dichloroethane-d4	86.7	76-114	%	1.00	05/28/2004 11:46	
Toluene-d8	94.1	88-110	%	1.00	05/28/2004 11:46	

Halogenated Volatile Organic Compounds by 8021B/8260B

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Prep(s):	5030B	Test(s):	8260B			
Sample ID:	EB-7	Lab ID:	2004-05-0681 - 2			
Sampled:	05/18/2004 13:20	Extracted:	5/27/2004 18:44			
Matrix:	Water	QC Batch#:	2004/05/27-1A.71			
Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	1.0	ug/L	1.00	05/27/2004 18:44	
Vinyl chloride	ND	0.50	ug/L	1.00	05/27/2004 18:44	
Chloroethane	ND	1.0	ug/L	1.00	05/27/2004 18:44	
Trichlorofluoromethane	ND	1.0	ug/L	1.00	05/27/2004 18:44	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	05/27/2004 18:44	
Methylene chloride	ND	5.0	ug/L	1.00	05/27/2004 18:44	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	05/27/2004 18:44	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	05/27/2004 18:44	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	05/27/2004 18:44	
Chloroform	ND	0.50	ug/L	1.00	05/27/2004 18:44	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	05/27/2004 18:44	
Carbon tetrachloride	ND	0.50	ug/L	1.00	05/27/2004 18:44	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	05/27/2004 18:44	
Trichloroethene	ND	0.50	ug/L	1.00	05/27/2004 18:44	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	05/27/2004 18:44	
Bromodichloromethane	ND	0.50	ug/L	1.00	05/27/2004 18:44	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	05/27/2004 18:44	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	05/27/2004 18:44	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	05/27/2004 18:44	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	05/27/2004 18:44	
Tetrachloroethene	ND	0.50	ug/L	1.00	05/27/2004 18:44	
Dibromochloromethane	ND	0.50	ug/L	1.00	05/27/2004 18:44	
Chlorobenzene	ND	0.50	ug/L	1.00	05/27/2004 18:44	
Bromoform	ND	2.0	ug/L	1.00	05/27/2004 18:44	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	05/27/2004 18:44	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	05/27/2004 18:44	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	05/27/2004 18:44	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	05/27/2004 18:44	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	05/27/2004 18:44	
Chloromethane	ND	1.0	ug/L	1.00	05/27/2004 18:44	

Halogenated Volatile Organic Compounds by 8021B/8260B

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Prep(s):	5030B	Test(s):	8260B
Sample ID:	EB-7	Lab ID:	2004-05-0681 - 2
Sampled:	05/18/2004 13:20	Extracted:	5/27/2004 18:44
Matrix:	Water	QC Batch#:	2004/05/27-1A.71

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Bromomethane	ND	1.0	ug/L	1.00	05/27/2004 18:44	
Surrogate(s)						
4-Bromofluorobenzene	89.3	86-115	%	1.00	05/27/2004 18:44	
1,2-Dichloroethane-d4	92.7	76-114	%	1.00	05/27/2004 18:44	
Toluene-d8	94.1	88-110	%	1.00	05/27/2004 18:44	

Halogenated Volatile Organic Compounds by 8021B/8260B

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Batch QC Report					
Prep(s):	5030B	Method Blank	Water	Test(s):	8260B
MB:	2004/05/27-1A.71-022			QC Batch #	2004/05/27-1A.71
				Date Extracted:	05/27/2004 10:22

Compound	Conc.	RL	Unit	Analyzed	Flag
Bromodichloromethane	ND	0.5	ug/L	05/27/2004 10:22	
Bromoform	ND	2.0	ug/L	05/27/2004 10:22	
Bromomethane	ND	1.0	ug/L	05/27/2004 10:22	
Carbon tetrachloride	ND	0.5	ug/L	05/27/2004 10:22	
Chlorobenzene	ND	0.5	ug/L	05/27/2004 10:22	
Chloroethane	ND	1.0	ug/L	05/27/2004 10:22	
2-Chloroethylvinyl ether	ND	0.5	ug/L	05/27/2004 10:22	
Chloroform	ND	0.5	ug/L	05/27/2004 10:22	
Chloromethane	ND	1.0	ug/L	05/27/2004 10:22	
Dibromochloromethane	ND	0.5	ug/L	05/27/2004 10:22	
1,2-Dichlorobenzene	ND	0.5	ug/L	05/27/2004 10:22	
1,3-Dichlorobenzene	ND	0.5	ug/L	05/27/2004 10:22	
1,4-Dichlorobenzene	ND	0.5	ug/L	05/27/2004 10:22	
Dichlorodifluoromethane	ND	1.0	ug/L	05/27/2004 10:22	
1,1-Dichloroethane	ND	0.5	ug/L	05/27/2004 10:22	
1,2-Dichloroethane	ND	0.5	ug/L	05/27/2004 10:22	
1,1-Dichloroethene	ND	0.5	ug/L	05/27/2004 10:22	
cis-1,2-Dichloroethene	ND	0.5	ug/L	05/27/2004 10:22	
trans-1,2-Dichloroethene	ND	0.5	ug/L	05/27/2004 10:22	
1,2-Dichloropropane	ND	0.5	ug/L	05/27/2004 10:22	
cis-1,3-Dichloropropene	ND	0.5	ug/L	05/27/2004 10:22	
trans-1,3-Dichloropropene	ND	0.5	ug/L	05/27/2004 10:22	
Methylene chloride	ND	5.0	ug/L	05/27/2004 10:22	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	05/27/2004 10:22	
Tetrachloroethene	ND	0.5	ug/L	05/27/2004 10:22	
1,1,1-Trichloroethane	ND	0.5	ug/L	05/27/2004 10:22	
1,1,2-Trichloroethane	ND	0.5	ug/L	05/27/2004 10:22	
Trichloroethene	ND	0.5	ug/L	05/27/2004 10:22	
Trichlorofluoromethane	ND	1.0	ug/L	05/27/2004 10:22	
Trichlorotrifluoroethane	ND	0.5	ug/L	05/27/2004 10:22	

Halogenated Volatile Organic Compounds by 8021B/8260B

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Prep(s): 5030B

Test(s): 8260B

Method Blank**Water****QC Batch # 2004/05/27-1A.71**

MB: 2004/05/27-1A.71-022

Date Extracted: 05/27/2004 10:22

Compound	Conc.	RL	Unit	Analyzed	Flag
Vinyl chloride	ND	0.5	ug/L	05/27/2004 10:22	
4-Bromofluorobenzene	90.2	79-118	%	05/27/2004 10:22	
1,2-Dichloroethane-d4	94.3	78-117	%	05/27/2004 10:22	
Toluene-d8	95.5	77-121	%	05/27/2004 10:22	

Halogenated Volatile Organic Compounds by 8021B/8260B

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Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank**Water****QC Batch # 2004/05/28-1A.71**

MB: 2004/05/28-1A.71-007

Date Extracted: 05/28/2004 11:07

Compound	Conc.	RL	Unit	Analyzed	Flag
Bromodichloromethane	ND	0.5	ug/L	05/28/2004 11:07	
Bromoform	ND	2.0	ug/L	05/28/2004 11:07	
Bromomethane	ND	1.0	ug/L	05/28/2004 11:07	
Carbon tetrachloride	ND	0.5	ug/L	05/28/2004 11:07	
Chlorobenzene	ND	0.5	ug/L	05/28/2004 11:07	
Chloroethane	ND	1.0	ug/L	05/28/2004 11:07	
2-Chloroethylvinyl ether	ND	0.5	ug/L	05/28/2004 11:07	
Chloroform	ND	0.5	ug/L	05/28/2004 11:07	
Chloromethane	ND	1.0	ug/L	05/28/2004 11:07	
Dibromochloromethane	ND	0.5	ug/L	05/28/2004 11:07	
1,2-Dichlorobenzene	ND	0.5	ug/L	05/28/2004 11:07	
1,3-Dichlorobenzene	ND	0.5	ug/L	05/28/2004 11:07	
1,4-Dichlorobenzene	ND	0.5	ug/L	05/28/2004 11:07	
Dichlorodifluoromethane	ND	1.0	ug/L	05/28/2004 11:07	
1,1-Dichloroethane	ND	0.5	ug/L	05/28/2004 11:07	
1,2-Dichloroethane	ND	0.5	ug/L	05/28/2004 11:07	
1,1-Dichloroethene	ND	0.5	ug/L	05/28/2004 11:07	
cis-1,2-Dichloroethene	ND	0.5	ug/L	05/28/2004 11:07	
trans-1,2-Dichloroethene	ND	0.5	ug/L	05/28/2004 11:07	
1,2-Dichloropropane	ND	0.5	ug/L	05/28/2004 11:07	
cis-1,3-Dichloropropene	ND	0.5	ug/L	05/28/2004 11:07	
trans-1,3-Dichloropropene	ND	0.5	ug/L	05/28/2004 11:07	
Methylene chloride	ND	5.0	ug/L	05/28/2004 11:07	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	05/28/2004 11:07	
Tetrachloroethene	ND	0.5	ug/L	05/28/2004 11:07	
1,1,1-Trichloroethane	ND	0.5	ug/L	05/28/2004 11:07	
1,1,2-Trichloroethane	ND	0.5	ug/L	05/28/2004 11:07	
Trichloroethene	ND	0.5	ug/L	05/28/2004 11:07	
Trichlorofluoromethane	ND	1.0	ug/L	05/28/2004 11:07	
Trichlorotrifluoroethane	ND	0.5	ug/L	05/28/2004 11:07	
Vinyl chloride	ND	0.5	ug/L	05/28/2004 11:07	

Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney & Associates Mountain View

Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 692-15
Milpitas Library

Received: 05/19/2004 16:07

Prep(s): 5030B

Test(s): 8260B

Method Blank**Water****QC Batch # 2004/05/28-1A.71**

MB: 2004/05/28-1A.71-007

Date Extracted: 05/28/2004 11:07

Compound	Conc.	RL	Unit	Analyzed	Flag
Surrogates(s)					
4-Bromofluorobenzene	89.8	79-118	%	05/28/2004 11:07	
1,2-Dichloroethane-d4	91.1	78-117	%	05/28/2004 11:07	
Toluene-d8	95.3	77-121	%	05/28/2004 11:07	

Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney & Associates Mountain View

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Project: 692-15

Received: 05/19/2004 16:07

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Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike**Water****QC Batch # 2004/05/27-1A.71**

LCS 2004/05/27-1A.71-015

Extracted: 05/27/2004

Analyzed: 05/27/2004 09:15

LCSD 2004/05/27-1A.71-049

Extracted: 05/27/2004

Analyzed: 05/27/2004 09:49

Compound	Conc.		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Chlorobenzene	21.7	20.8	20	108.5	104.0	4.2	61-121	20		
1,1-Dichloroethene	17.8	17.6	20	89.0	88.0	1.1	65-125	20		
Trichloroethene	18.2	17.9	20	91.0	89.5	1.7	74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	446	457	500	89.2	91.4		79-118			
1,2-Dichloroethane-d4	452	459	500	90.4	91.8		78-117			
Toluene-d8	457	464	500	91.4	92.8		77-121			

Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney & Associates Mountain View

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Project: 692-15

Received: 05/19/2004 16:07

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Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike**Water****QC Batch # 2004/05/28-1A.71**

LCS 2004/05/28-1A.71-001

Extracted: 05/28/2004

Analyzed: 05/28/2004 10:01

LCSD 2004/05/28-1A.71-034

Extracted: 05/28/2004

Analyzed: 05/28/2004 10:34

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %	Flags			
	LCS	LCSD		LCS	LCSD			Rec.	RPD	LCS	LCSD
Chlorobenzene	20.1	20.5	20	100.5	102.5	2.0	61-121	20			
1,1-Dichloroethene	21.0	20.2	20	105.0	101.0	3.9	65-125	20			
Trichloroethene	19.6	19.3	20	98.0	96.5	1.5	74-134	20			
Surrogates(s)											
4-Bromofluorobenzene	436	434	500	87.2	86.8		79-118				
1,2-Dichloroethane-d4	447	467	500	89.4	93.4		78-117				
Toluene-d8	467	462	500	93.4	92.4		77-121				

Polynuclear Aromatic Hydrocarbons (PNA)

Lowney & Associates Mountain View

Attn.: Stason Foster

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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 692-15

Received: 05/19/2004 16:07

Milpitas Library

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB-1 @ 1.5-2.0`	05/18/2004 15:45	Soil	3
EB-10 @ 2.0-2.25`	05/18/2004 17:28	Soil	11

Polynuclear Aromatic Hydrocarbons (PNA)

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Project: 692-15
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Received: 05/19/2004 16:07

Prep(s):	3550/8310	Test(s):	8310
Sample ID:	EB-1 @ 1.5-2.0`	Lab ID:	2004-05-0681 - 3
Sampled:	05/18/2004 15:45	Extracted:	5/24/2004 20:05
Matrix:	Soil	QC Batch#:	2004/05/24-02.18

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	15	15	ug/Kg	1.00	05/26/2004 13:24	
Acenaphthylene	ND	10	ug/Kg	1.00	05/26/2004 13:24	
Acenaphthene	ND	10	ug/Kg	1.00	05/26/2004 13:24	
Fluorene	ND	5.0	ug/Kg	1.00	05/26/2004 13:24	
Phenanthrene	94	5.0	ug/Kg	1.00	05/26/2004 13:24	
Anthracene	ND	5.0	ug/Kg	1.00	05/26/2004 13:24	
Fluoranthene	200	5.0	ug/Kg	1.00	05/26/2004 13:24	
Pyrene	70	5.0	ug/Kg	1.00	05/26/2004 13:24	
Benzo(a)anthracene	ND	5.0	ug/Kg	1.00	05/26/2004 13:24	
Chrysene	210	5.0	ug/Kg	1.00	05/26/2004 13:24	
Benzo(b)fluoranthene	74	5.0	ug/Kg	1.00	05/26/2004 13:24	
Benzo(k)fluoranthene	57	5.0	ug/Kg	1.00	05/26/2004 13:24	
Benzo(a)pyrene	91	5.0	ug/Kg	1.00	05/26/2004 13:24	
Dibenzo(a,h)anthracene	120	10	ug/Kg	1.00	05/26/2004 13:24	
Benzo(g,h,i)perylene	33	10	ug/Kg	1.00	05/26/2004 13:24	
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg	1.00	05/26/2004 13:24	
Surrogate(s)						
1-Methyl naphthalene	3.6	50-150	%	1.00	05/26/2004 13:24	sl

Polynuclear Aromatic Hydrocarbons (PNA)

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Project: 692-15

Received: 05/19/2004 16:07

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Prep(s):	3550/8310	Test(s):	8310
Sample ID:	EB-10 @ 2.0-2.25`	Lab ID:	2004-05-0681 - 11
Sampled:	05/18/2004 17:28	Extracted:	5/27/2004 06:51
Matrix:	Soil	QC Batch#:	2004/05/27-01.18

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	15	ug/Kg	1.00	05/28/2004 15:24	
Acenaphthylene	ND	10	ug/Kg	1.00	05/28/2004 15:24	
Acenaphthene	ND	10	ug/Kg	1.00	05/28/2004 15:24	
Fluorene	ND	5.0	ug/Kg	1.00	05/28/2004 15:24	
Phenanthrene	ND	5.0	ug/Kg	1.00	05/28/2004 15:24	
Anthracene	ND	5.0	ug/Kg	1.00	05/28/2004 15:24	
Fluoranthene	ND	5.0	ug/Kg	1.00	05/28/2004 15:24	
Pyrene	ND	5.0	ug/Kg	1.00	05/28/2004 15:24	
Benzo(a)anthracene	ND	5.0	ug/Kg	1.00	05/28/2004 15:24	
Chrysene	ND	5.0	ug/Kg	1.00	05/28/2004 15:24	
Benzo(b)fluoranthene	ND	5.0	ug/Kg	1.00	05/28/2004 15:24	
Benzo(k)fluoranthene	ND	5.0	ug/Kg	1.00	05/28/2004 15:24	
Benzo(a)pyrene	ND	5.0	ug/Kg	1.00	05/28/2004 15:24	
Dibenzo(a,h)anthracene	ND	10	ug/Kg	1.00	05/28/2004 15:24	
Benzo(g,h,i)perylene	ND	10	ug/Kg	1.00	05/28/2004 15:24	
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg	1.00	05/28/2004 15:24	
Surrogate(s)						
1-Methyl naphthalene	69.5	50-150	%	1.00	05/28/2004 15:24	

Polynuclear Aromatic Hydrocarbons (PNA)

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Project: 692-15

Received: 05/19/2004 16:07

Milpitas Library

Batch QC Report					
Prep(s): 3550/8310 Method Blank MB: 2004/05/24-02.18-001		Soil		Test(s): 8310 QC Batch # 2004/05/24-02.18 Date Extracted: 05/24/2004 20:05	
Compound	Conc.	RL	Unit	Analyzed	Flag
Naphthalene	ND	15.0	ug/Kg	05/25/2004 15:14	
Acenaphthylene	ND	10	ug/Kg	05/25/2004 15:14	
Acenaphthene	ND	10	ug/Kg	05/25/2004 15:14	
Fluorene	ND	5.0	ug/Kg	05/25/2004 15:14	
Phenanthrene	ND	5.0	ug/Kg	05/25/2004 15:14	
Anthracene	ND	5.0	ug/Kg	05/25/2004 15:14	
Fluoranthene	ND	5.0	ug/Kg	05/25/2004 15:14	
Pyrene	ND	5.0	ug/Kg	05/25/2004 15:14	
Benzo(a)anthracene	ND	5.0	ug/Kg	05/25/2004 15:14	
Chrysene	ND	5.0	ug/Kg	05/25/2004 15:14	
Benzo(b)fluoranthene	ND	5.0	ug/Kg	05/25/2004 15:14	
Benzo(k)fluoranthene	ND	5.0	ug/Kg	05/25/2004 15:14	
Benzo(a)pyrene	ND	5.0	ug/Kg	05/25/2004 15:14	
Dibenz(a,h)anthracene	ND	10.0	ug/Kg	05/25/2004 15:14	
Benzo(g,h,i)perylene	ND	10.0	ug/Kg	05/25/2004 15:14	
Indeno(1,2,3-cd)pyrene	ND	10.0	ug/Kg	05/25/2004 15:14	
Surrogates(s)					
1-Methyl naphthalene	71.1	50-150	%	05/25/2004 15:14	

Polynuclear Aromatic Hydrocarbons (PNA)

Lowney & Associates Mountain View

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Project: 692-15

Received: 05/19/2004 16:07

Milpitas Library

Batch QC Report						
Prep(s): 3550/8310 Method Blank		Soil		Test(s): 8310 QC Batch # 2004/05/27-01.18		
MB: 2004/05/27-01.18-001		Date Extracted: 05/27/2004 06:51				
Compound	Conc.	RL	Unit	Analyzed	Flag	
Naphthalene	ND	15.0	ug/Kg	05/28/2004 14:26		
Acenaphthylene	ND	10	ug/Kg	05/28/2004 14:26		
Acenaphthene	ND	10	ug/Kg	05/28/2004 14:26		
Fluorene	ND	5.0	ug/Kg	05/28/2004 14:26		
Phenanthrene	ND	5.0	ug/Kg	05/28/2004 14:26		
Anthracene	ND	5.0	ug/Kg	05/28/2004 14:26		
Fluoranthene	8.34	5.0	ug/Kg	05/28/2004 14:26		b
Pyrene	ND	5.0	ug/Kg	05/28/2004 14:26		
Benzo(a)anthracene	ND	5.0	ug/Kg	05/28/2004 14:26		
Chrysene	ND	5.0	ug/Kg	05/28/2004 14:26		
Benzo(b)fluoranthene	ND	5.0	ug/Kg	05/28/2004 14:26		
Benzo(k)fluoranthene	ND	5.0	ug/Kg	05/28/2004 14:26		
Benzo(a)pyrene	ND	5.0	ug/Kg	05/28/2004 14:26		
Dibenz(a,h)anthracene	ND	10.0	ug/Kg	05/28/2004 14:26		
Benzo(g,h,i)perylene	ND	10.0	ug/Kg	05/28/2004 14:26		
Indeno(1,2,3-cd)pyrene	ND	10.0	ug/Kg	05/28/2004 14:26		
Surrogates(s)						
1-Methyl naphthalene	72.9	50-150	%	05/28/2004 14:26		

Polynuclear Aromatic Hydrocarbons (PNA)

Lowney & Associates Mountain View

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Project: 692-15

Received: 05/19/2004 16:07

Milpitas Library

Batch QC Report

Prep(s): 3550/8310

Test(s): 8310

Laboratory Control Spike**Soil****QC Batch # 2004/05/24-02.18**

LCS 2004/05/24-02.18-002

Extracted: 05/24/2004

Analyzed: 05/25/2004 15:35

LCSD 2004/05/24-02.18-003

Extracted: 05/24/2004

Analyzed: 05/25/2004 15:56

Compound	Conc.		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Naphthalene	171	143	333	51.4	42.9	18.0	40-150	35		
Phenanthrene	254	234	333	76.3	70.3	8.2	50-150	35		
Pyrene	251	236	333	75.4	70.9	6.2	50-150	35		
Chrysene	273	256	333	82.0	76.9	6.4	50-150	35		
Benzo(a)pyrene	205	193	333	61.6	58.0	6.0	50-150	35		
Surrogates(s)										
1-Methyl naphthalene	11.0	8.34	15	73.0	55.6		50-150	0		

Polynuclear Aromatic Hydrocarbons (PNA)

Lowney & Associates Mountain View

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Project: 692-15

Received: 05/19/2004 16:07

Milpitas Library

Batch QC Report

Prep(s): 3550/8310

Test(s): 8310

Laboratory Control Spike**Soil****QC Batch # 2004/05/27-01.18**

LCS 2004/05/27-01.18-002

Extracted: 05/27/2004

Analyzed: 05/28/2004 16:06

LCSD 2004/05/27-01.18-003

Extracted: 05/27/2004

Analyzed: 05/28/2004 16:27

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %	Flags		
	LCS	LCSD		LCS	LCSD			Rec.	RPD	LCS
Naphthalene	203	203	333	61.0	61.0	0.0	40-150	35		
Phenanthrene	264	249	333	79.3	74.8	5.8	50-150	35		
Pyrene	270	246	333	81.1	73.9	9.3	50-150	35		
Chrysene	267	262	333	80.2	78.7	1.9	50-150	35		
Benzo(a)pyrene	242	234	333	72.7	70.3	3.4	50-150	35		
Surrogates(s)										
1-Methyl naphthalene	11.3	11.0	15	75.3	73.2		50-150	0		

Polynuclear Aromatic Hydrocarbons (PNA)

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Project: 692-15

Received: 05/19/2004 16:07

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Batch QC Report														
Prep(s): 3550/8310				Soil				Test(s): 8310						
Matrix Spike (MS / MSD)				QC Batch # 2004/05/24-02.18										
EB-3 @ 2.5-3.0` >> MS				Lab ID: 2004-05-0681 - 005										
MS:	2004/05/24-02.18-004			Extracted: 05/24/2004				Analyzed: 05/25/2004 19:25						
MSD:	2004/05/24-02.18-005			Extracted: 05/24/2004				Dilution: 1.00						
								Analyzed: 05/25/2004 19:46						
								Dilution: 1.00						

Compound	Conc. ug/Kg			Spk.Level ug/Kg	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Naphthalene	127	79.0	ND	333	38.1	23.7	46.6	40-150	35	mso	mso
Phenanthrene	195	197	ND	333	58.6	59.2	1.0	50-150	35		
Pyrene	47.0	130	ND	333	14.1	39.0	93.8	50-150	35	mso	mso
Chrysene	171	169	ND	333	51.4	50.8	1.2	50-150	35		
Benzo(a)pyrene	153	161	ND	333	45.9	48.3	5.1	50-150	35	mso	mso
Surrogate(s)											
1-Methyl naphthalene	2.73	6.20		15	18.2	41.3		50-150	0	sl	sl

Polynuclear Aromatic Hydrocarbons (PNA)

Lowney & Associates Mountain View

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Project: 692-15

Received: 05/19/2004 16:07

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Batch QC Report												
Prep(s): 3550/8310 Test(s): 8310												
Matrix Spike (MS / MSD)				Soil				QC Batch # 2004/05/27-01.18				
EB-10 @ 2.0-2.25` >> MS						Extracted: 05/27/2004		Lab ID: 2004-05-0681 - 011				
MS:	2004/05/27-01.18-004		Extracted: 05/27/2004		Analyzed: 05/28/2004 16:48		Dilution: 1.00					
MSD:	2004/05/27-01.18-005		Extracted: 05/27/2004		Analyzed: 05/28/2004 17:09		Dilution: 1.00					

Compound	Conc. ug/Kg			Spk.Level ug/Kg	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Naphthalene	117	167	ND	333	35.1	50.2	35.4	40-150	35	mso	mso
Phenanthrene	199	228	ND	333	59.8	68.5	13.6	50-150	35		
Pyrene	110	193	ND	333	33.0	58.0	54.9	50-150	35	mso	mso
Chrysene	184	207	ND	333	55.3	62.2	11.7	50-150	35		
Benzo(a)pyrene	479	460	ND	333	143.8	138.1	4.0	50-150	35		
Surrogate(s)											
1-Methyl naphthalene	7.87	9.17		15	52.5	61.2		50-150	0		

Polynuclear Aromatic Hydrocarbons (PNA)

Lowney & Associates Mountain View

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Project: 692-15

Received: 05/19/2004 16:07

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Legend and Notes

Result Flag

b

Analyte was found in the method blank at a concentration greater than the reporting limit.

mso

MS/MSD spike recoveries were out of QC limits due to matrix interference. Precision and Accuracy were verified by LCS/LCSD.

sl

Surrogate recoveries were lower than QC limit due to matrix interference, confirmed by reanalysis.

CHAIN OF CUSTODY RECORD

2004-05-068/
86052

Mountain View Office
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Tel: 650.967.2365

Oakland Office
167 Filbert St.
Oakland 94607
Tel: 510.267.1970

Fullerton Office
251 E. Imperial Hwy. #470
Fullerton 92835
Tel: 714.441.3090

San Ramon Office
2258 Camino Ramon
San Ramon 94583
Tel: 925.275.2555
Fax: 925.275.2555

Project Name:

Milpitas Library

Job No.:

612-15

Report To:

Strawn Fisher

Sampler (print):

Gwen Erikson

Sampler (signature):

Electronic Deliverable Format Required: YES NO

EDF LOGCODE: LAMV LAO LAF

Global ID #:

Turnaround Requirements

ANALYSES REQUESTED

5 Working Days

48 Hours

24 Hours

2-3 Hours RUSH

QC Requirement:
 Level A (standard)

TPH as gas/BTEX/MTBE
Method: 8015/8021

TPH as diesel (8015M)
Dadd silica gel column add Oil Range

TRPH (418.1) with silica gel column

Halogenated VOCs (former 8010 list)
Method: 8021 8260 add BTEX

Organochlorine Pesticides (8081)

Metals: As, Pb, Hg CAM

Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260

PAHs (8310)

PCBs (80B2)

TPH_g

VOC's full list (8240)

TEST
Remarks

TEST

Relinquished By:

Gwen Erikson

Date: 5/10/04 Time: 2:21

Received By:
Sam Smith

Date: 5/10/04 Time: 1:44

Received By:
Sam Smith

Date: 5/10/04 Time: 1:44

Lab of Record:

Temp:

Received by Lab:

Date:

Time:

Date:

Time:

Date:

Time:

LOWNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

CHAIN OF CUSTODY RECORD

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San Ramon Office
2258 Camino Ramon
San Ramon 94583
Tel: 925.275.2555

Project Name:

Milpitas Library

Job No.:

698-15

Report To:

Strasser Foster

Sampler (print):

Given Envirom

Sampler (signature):

Electronic Deliverable Format Required:

YES NO LAMV LAO LAF

Global ID #:

QC Requirement:
 Level A (standard)

Turnaround Requirements

5 Working Days

48 Hours

24 Hours

2-3 Hours RUSH

ANALYSES REQUESTED

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	
EP-11-2.5-3'	5/19/04	5:47PM	S	S	1	TPH as gas/BTEX/MTBE Method: <input type="checkbox"/> 8015/8021 <input checked="" type="checkbox"/> 8260
EP-12-2.5-3'		5:34			1	TPH as diesel (8015M) <input type="checkbox"/> add silica gel column <input type="checkbox"/> add Oil Range
EP-13-2.5-3'		5:39			1	TRPH (418.1) with silica gel column
EP-7 2.5-3'		11:40			1	Halogenated VOCs (former 8010 list) Method: <input type="checkbox"/> 8021 <input type="checkbox"/> 8260 <input type="checkbox"/> add BTEX
					1	Organochlorine Pesticides (8081)
					1	Metals: <input type="checkbox"/> As, Pb, Hg <input checked="" type="checkbox"/> 17 CAM
					1	Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260
					1	PAHs (8310)
					1	PCBs (8082)

Remarks

Test
Test
Hold
Hold

Relinquished By:		Date:	5/19/04	Time:	2:21	Received By:		Date:	5/19/04	Time:	1:42
Relinquished By:		Date:	5/19/04	Time:	16:07	Received By:	Jean Mullen	Date:	5/19/04	Time:	16:07
Relinquished By:		Date:		Time:		Lab of Record:					
Received by Lab:		Date:		Time:							

Lowney & Associates Mountain View

August 27, 2004

405 Clyde Ave
Mountain View, CA 94043-2209
Attn.: Stason Foster
Project#: 692-15
Project: Milpitas Library

Dear Mr. Foster,

Attached is our report for your samples received on 08/19/2004 16:31
This report has been reviewed and approved for release. Reproduction of this report
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after
10/03/2004 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,
please call me at (925) 484-1919.

You can also contact me via email. My email address is: asalimpour@stl-inc.com

Sincerely,



Afsaneh Salimpour
Project Manager

PCBs

Lowney & Associates Mountain View

Attn.: Stason Foster

405 Clyde Ave

Mountain View, CA 94043-2209

Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 692-15

Received: 08/19/2004 16:31

Milpitas Library

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB-1A 1.5-2	08/19/2004	Soil	1
EB-16 0.5-1.0	08/19/2004	Soil	8
EB-17 0.5-1.0	08/19/2004	Soil	9
EB-19 0.5-1.0	08/19/2004	Soil	13

PCBs

Lowney & Associates Mountain View

Attn.: Stason Foster

405 Clyde Ave

Mountain View, CA 94043-2209

Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 692-15

Received: 08/19/2004 16:31

Milpitas Library

Prep(s):	3550/8082	Test(s):	8082
Sample ID:	EB-1A 1.5-2	Lab ID:	2004-08-0504 - 1
Sampled:	08/19/2004	Extracted:	8/23/2004 12:20
Matrix:	Soil	QC Batch#:	2004/08/23-01.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	08/24/2004 11:36	
Aroclor 1221	ND	50	ug/Kg	1.00	08/24/2004 11:36	
Aroclor 1232	ND	50	ug/Kg	1.00	08/24/2004 11:36	
Aroclor 1242	ND	50	ug/Kg	1.00	08/24/2004 11:36	
Aroclor 1248	ND	50	ug/Kg	1.00	08/24/2004 11:36	
Aroclor 1254	ND	50	ug/Kg	1.00	08/24/2004 11:36	
Aroclor 1260	ND	50	ug/Kg	1.00	08/24/2004 11:36	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	88.2	50-125	%	1.00	08/24/2004 11:36	
Decachlorobiphenyl (PCB/8082)	74.4	46-142	%	1.00	08/24/2004 11:36	

PCBs

Lowney & Associates Mountain View

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405 Clyde Ave

Mountain View, CA 94043-2209

Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 692-15

Received: 08/19/2004 16:31

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Prep(s):	3550/8082	Test(s):	8082			
Sample ID:	EB-16 0.5-1.0	Lab ID:	2004-08-0504 - 8			
Sampled:	08/19/2004	Extracted:	8/23/2004 12:20			
Matrix:	Soil	QC Batch#:	2004/08/23-01.14			
Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	08/24/2004 12:44	
Aroclor 1221	ND	50	ug/Kg	1.00	08/24/2004 12:44	
Aroclor 1232	ND	50	ug/Kg	1.00	08/24/2004 12:44	
Aroclor 1242	ND	50	ug/Kg	1.00	08/24/2004 12:44	
Aroclor 1248	ND	50	ug/Kg	1.00	08/24/2004 12:44	
Aroclor 1254	ND	50	ug/Kg	1.00	08/24/2004 12:44	
Aroclor 1260	ND	50	ug/Kg	1.00	08/24/2004 12:44	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	82.0	50-125	%	1.00	08/24/2004 12:44	
Decachlorobiphenyl (PCB/8082)	4.2	46-142	%	1.00	08/24/2004 12:44	s

PCBs

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Project: 692-15

Received: 08/19/2004 16:31

Milpitas Library

Prep(s):	3550/8082	Test(s):	8082
Sample ID:	EB-17 0.5-1.0	Lab ID:	2004-08-0504 - 9
Sampled:	08/19/2004	Extracted:	8/23/2004 12:20
Matrix:	Soil	QC Batch#:	2004/08/23-01.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	08/24/2004 13:04	
Aroclor 1221	ND	50	ug/Kg	1.00	08/24/2004 13:04	
Aroclor 1232	ND	50	ug/Kg	1.00	08/24/2004 13:04	
Aroclor 1242	ND	50	ug/Kg	1.00	08/24/2004 13:04	
Aroclor 1248	ND	50	ug/Kg	1.00	08/24/2004 13:04	
Aroclor 1254	ND	50	ug/Kg	1.00	08/24/2004 13:04	
Aroclor 1260	ND	50	ug/Kg	1.00	08/24/2004 13:04	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	81.1	50-125	%	1.00	08/24/2004 13:04	
Decachlorobiphenyl (PCB/8082)	57.3	46-142	%	1.00	08/24/2004 13:04	

PCBs

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Project: 692-15

Received: 08/19/2004 16:31

Milpitas Library

Prep(s):	3550/8082	Test(s):	8082
Sample ID:	EB-19 0.5-1.0	Lab ID:	2004-08-0504 - 13
Sampled:	08/19/2004	Extracted:	8/23/2004 12:20
Matrix:	Soil	QC Batch#:	2004/08/23-01.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	250	ug/Kg	5.00	08/24/2004 13:23	
Aroclor 1221	ND	250	ug/Kg	5.00	08/24/2004 13:23	
Aroclor 1232	ND	250	ug/Kg	5.00	08/24/2004 13:23	
Aroclor 1242	ND	250	ug/Kg	5.00	08/24/2004 13:23	
Aroclor 1248	ND	250	ug/Kg	5.00	08/24/2004 13:23	
Aroclor 1254	ND	250	ug/Kg	5.00	08/24/2004 13:23	
Aroclor 1260	ND	250	ug/Kg	5.00	08/24/2004 13:23	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	97.3	50-125	%	5.00	08/24/2004 13:23	
Decachlorobiphenyl (PCB/8082)	98.3	46-142	%	5.00	08/24/2004 13:23	

PCBs

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Project: 692-15

Received: 08/19/2004 16:31

Milpitas Library

Batch QC Report					
Prep(s): 3550/8082			Test(s): 8082		
Method Blank	Soil		QC Batch # 2004/08/23-01.14		
MB: 2004/08/23-01.14-001			Date Extracted: 08/23/2004 12:20		

Compound	Conc.	RL	Unit	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	08/24/2004 10:37	
Aroclor 1221	ND	50	ug/Kg	08/24/2004 10:37	
Aroclor 1232	ND	50	ug/Kg	08/24/2004 10:37	
Aroclor 1242	ND	50	ug/Kg	08/24/2004 10:37	
Aroclor 1248	ND	50	ug/Kg	08/24/2004 10:37	
Aroclor 1254	ND	50	ug/Kg	08/24/2004 10:37	
Aroclor 1260	ND	50	ug/Kg	08/24/2004 10:37	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	82.0	50-125	%	08/24/2004 10:37	
Decachlorobiphenyl (PCB/8082)	88.1	46-142	%	08/24/2004 10:37	

PCBs

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Project: 692-15
Milpitas Library

Received: 08/19/2004 16:31

Prep(s): 3550/8082

Test(s): 8082

Laboratory Control Spike**Soil****QC Batch # 2004/08/23-01.14**

LCS 2004/08/23-01.14-002
LCSD 2004/08/23-01.14-003

Extracted: 08/23/2004
Extracted: 08/23/2004

Analyzed: 08/24/2004 10:56
Analyzed: 08/24/2004 11:16

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Aroclor 1016	64.7	62.8	66.0	98.0	94.6	3.5	65-135	30		
Aroclor 1260	74.9	74.7	66.0	113.5	112.5	0.9	65-135	30		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	43.1	42.1	50	86.2	84.2		50-125	0		
Decachlorobiphenyl	45.7	45.5	50	91.4	91.0		46-142	0		

PCBs

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Project: 692-15

Received: 08/19/2004 16:31

Milpitas Library

Batch QC Report

Prep(s): 3550/8082

Test(s): 8082

Matrix Spike (MS / MSD)

Soil

QC Batch # 2004/08/23-01.14

EB-1A 1.5-2 >> MS

Lab ID: 2004-08-0504 - 001

MS: 2004/08/23-01.14-004

Extracted: 08/23/2004

Analyzed: 08/24/2004 11:55

MSD: 2004/08/23-01.14-005

Extracted: 08/23/2004

Analyzed: 08/24/2004 12:15

Dilution: 1.00

Dilution: 1.00

Compound	Conc. ug/Kg			Spk.Level ug/Kg	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Aroclor 1016	59.0	55.0	ND	66.6	88.6	82.7	6.9	65-135	30		
Aroclor 1260	59.3	55.7	ND	66.6	89.0	83.8	6.0	65-135	30		
Surrogate(s)											
2,4,5,6-Tetrachloro-m-xylene	43.2	41.5		50	86.4	83.0		50-125	0		
Decachlorobiphenyl	33.6	25.9		50	67.2	51.8		46-142	0		

PCBs

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Project: 692-15

Received: 08/19/2004 16:31

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Legend and Notes

Result Flag

S

One surrogate recovery out of control, but second surrogate within
QC limits confirms test performance.

Total Extractable Petroleum Hydrocarbons (TEPH)

Lowney & Associates Mountain View

Attn.: Stason Foster

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Mountain View, CA 94043-2209

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Project: 692-15

Received: 08/19/2004 16:31

Milpitas Library

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB-1A 3-3.5	08/19/2004	Soil	2
EB-14 1.5-2	08/19/2004	Soil	4
EB-15 1.5-2	08/19/2004	Soil	6

Total Extractable Petroleum Hydrocarbons (TEPH)

Lowney & Associates Mountain View

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Mountain View, CA 94043-2209

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Project: 692-15

Received: 08/19/2004 16:31

Milpitas Library

Prep(s):	3550/8015M	Test(s):	8015M			
Sample ID:	EB-1A 3-3.5	Lab ID:	2004-08-0504 - 2			
Sampled:	08/19/2004	Extracted:	8/23/2004 14:24			
Matrix:	Soil	QC Batch#:	2004/08/23-06.10			
Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	32	1.0	mg/Kg	1.00	08/25/2004 04:31	
Motor Oil	220	50	mg/Kg	1.00	08/25/2004 04:31	
Surrogate(s)						
o-Terphenyl	87.3	60-130	%	1.00	08/25/2004 04:31	

Total Extractable Petroleum Hydrocarbons (TEPH)

Lowney & Associates Mountain View

Attn.: Stason Foster

405 Clyde Ave

Mountain View, CA 94043-2209

Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 692-15

Received: 08/19/2004 16:31

Milpitas Library

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	EB-14 1.5-2	Lab ID:	2004-08-0504 - 4
Sampled:	08/19/2004	Extracted:	8/23/2004 14:24
Matrix:	Soil	QC Batch#:	2004/08/23-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	3.0	1.0	mg/Kg	1.00	08/25/2004 22:42	ndp
Motor Oil	ND	50	mg/Kg	1.00	08/25/2004 22:42	
Surrogate(s)						
o-Terphenyl	83.1	60-130	%	1.00	08/25/2004 22:42	

Total Extractable Petroleum Hydrocarbons (TEPH)

Lowney & Associates Mountain View

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Project: 692-15

Received: 08/19/2004 16:31

Milpitas Library

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	EB-15 1.5-2	Lab ID:	2004-08-0504 - 6
Sampled:	08/19/2004	Extracted:	8/23/2004 14:24
Matrix:	Soil	QC Batch#:	2004/08/23-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	55	1.0	mg/Kg	1.00	08/25/2004 04:58	ndp
Motor Oil	75	50	mg/Kg	1.00	08/25/2004 04:58	
Surrogate(s)						
o-Terphenyl	85.3	60-130	%	1.00	08/25/2004 04:58	

Total Extractable Petroleum Hydrocarbons (TEPH)

Lowney & Associates Mountain View

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Milpitas Library

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Method Blank**Soil****QC Batch # 2004/08/23-06.10**

MB: 2004/08/23-06.10-001

Date Extracted: 08/23/2004 14:24

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	08/24/2004 11:07	
Motor Oil	ND	50	mg/Kg	08/24/2004 11:07	
Surrogates(s)					
o-Terphenyl	82.2	60-130	%	08/24/2004 11:07	

Total Extractable Petroleum Hydrocarbons (TEPH)

Lowney & Associates Mountain View

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Project: 692-15

Received: 08/19/2004 16:31

Milpitas Library

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike**Soil****QC Batch # 2004/08/23-06.10**LCS 2004/08/23-06.10-002
LCSD 2004/08/23-06.10-003Extracted: 08/23/2004
Extracted: 08/23/2004Analyzed: 08/24/2004 11:35
Analyzed: 08/24/2004 12:02

Compound	Conc.		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Diesel	34.7	34.5	41.5	83.6	83.1	0.6	60-130	25		
Surrogates(s) o-Terphenyl	18.5	18.4	20.0	92.6	91.8		60-130	0		

Total Extractable Petroleum Hydrocarbons (TEPH)

Lowney & Associates Mountain View

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Project: 692-15

Received: 08/19/2004 16:31

Milpitas Library

Legend and Notes**Result Flag**

ldr

Hydrocarbon reported is in the late Diesel range, and does not match our Diesel standard

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

Total Lead

Lowney & Associates Mountain View

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Project: 692-15

Received: 08/19/2004 16:31

Milpitas Library

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB-16 0.5-1.0	08/19/2004	Soil	8
EB-17 0.5-1.0	08/19/2004	Soil	9
EB-18 0.5-1.0	08/19/2004	Soil	11
EB-19 0.5-1.0	08/19/2004	Soil	13

Total Lead

Lowney & Associates Mountain View

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Project: 692-15

Received: 08/19/2004 16:31

Milpitas Library

Prep(s):	3050B	Test(s):	6010B
Sample ID:	EB-16 0.5-1.0	Lab ID:	2004-08-0504 - 8
Sampled:	08/19/2004	Extracted:	8/20/2004 11:07
Matrix:	Soil	QC Batch#:	2004/08/20-03.15
Analysis Flag: . (See Legend and Note Section)			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	7.3	1.0	mg/Kg	1.00	08/23/2004 11:57	

Total Lead

Lowney & Associates Mountain View

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Project: 692-15
Milpitas Library

Received: 08/19/2004 16:31

Prep(s):	3050B	Test(s):	6010B
Sample ID:	EB-17 0.5-1.0	Lab ID:	2004-08-0504 - 9
Sampled:	08/19/2004	Extracted:	8/20/2004 11:07
Matrix:	Soil	QC Batch#:	2004/08/20-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	9.8	1.0	mg/Kg	1.00	08/23/2004 12:08	

Total Lead

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Project: 692-15
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Received: 08/19/2004 16:31

Prep(s):	3050B	Test(s):	6010B
Sample ID:	EB-18 0.5-1.0	Lab ID:	2004-08-0504 - 11
Sampled:	08/19/2004	Extracted:	8/20/2004 11:07
Matrix:	Soil	QC Batch#:	2004/08/20-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	39	1.0	mg/Kg	1.00	08/23/2004 12:29	

Total Lead

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Received: 08/19/2004 16:31

Prep(s):	3050B	Test(s):	6010B
Sample ID:	EB-19 0.5-1.0	Lab ID:	2004-08-0504 - 13
Sampled:	08/19/2004	Extracted:	8/20/2004 11:07
Matrix:	Soil	QC Batch#:	2004/08/20-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	24	1.0	mg/Kg	1.00	08/23/2004 12:32	

Total Lead

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Project: 692-15

Received: 08/19/2004 16:31

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Batch QC Report

Prep(s): 3050B

Test(s): 6010B

Method Blank**Soil****QC Batch # 2004/08/20-03.15**

MB: 2004/08/20-03.15-041

Date Extracted: 08/20/2004 11:07

Compound	Conc.	RL	Unit	Analyzed	Flag
Lead	ND	1.0	mg/Kg	08/23/2004 11:01	

Total Lead

Lowney & Associates Mountain View

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Received: 08/19/2004 16:31

Prep(s): 3050B

Test(s): 6010B

Laboratory Control Spike**Soil****QC Batch # 2004/08/20-03.15**

LCS 2004/08/20-03.15-042
LCSD 2004/08/20-03.15-043

Extracted: 08/20/2004
Extracted: 08/20/2004

Analyzed: 08/23/2004 11:05
Analyzed: 08/23/2004 11:11

Compound	Conc.		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Lead	94.5	92.5	100.0	94.5	92.5	2.1	80-120	20		

Total Lead

Lowney & Associates Mountain View

Attn.: Stason Foster

405 Clyde Ave

Mountain View, CA 94043-2209

Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 692-15

Received: 08/19/2004 16:31

Milpitas Library

Batch QC Report

Prep(s): 3050B

Test(s): 6010B

Matrix Spike (MS / MSD)**Soil****QC Batch # 2004/08/20-03.15**

EB-16 0.5-1.0 >> MS

Lab ID: 2004-08-0504 - 008

MS: 2004/08/20-03.15-054

Extracted: 08/20/2004

Analyzed: 08/23/2004 12:01

MSD: 2004/08/20-03.15-055

Extracted: 08/20/2004

Dilution: 1.00

Analyzed: 08/23/2004 12:04

Dilution: 1.00

Compound	Conc. mg/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		mg/Kg	MS	MSD	RPD	Rec.	RPD	MS
Lead	77.2	77.7	7.32	98.0	71.3	70.4	1.3	75-125	20	mso	mso

Total Lead

Lowney & Associates Mountain View

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Milpitas Library

Legend and Notes

Analysis Flag

Result Flag

mso

MS/MSD spike recoveries were out of QC limits due to matrix interference.
Precision and Accuracy were verified by LCS/LCSD.



Forensic Analytical

Final Report

Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

STL San Francisco
Afsaneh Salimpour

1220 Quarry Ln
Pleasanton, CA 94566-4756

Client ID: 2595
Report Number: B064297
Date Received: 08/23/04
Date Analyzed: 08/27/04
Date Printed: 08/27/04
First Reported: 08/27/04

Job ID/Site: 2004-08-0504 - Milpitas Library, 692-15

FASI Job ID: 2595-473

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
EB-16 0.5-1.0	10350816			ND			
Layer: Brown Soil							
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
Comment: Collected on 08/19/2004							
EB-17 0.5-1.0	10350817			ND			
Layer: Brown Soil							
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
Comment: Collected on 08/19/2004							
EB-18 0.5-1.0	10350818			ND			
Layer: Brown Soil							
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
Comment: Collected on 08/19/2004							
EB-19 0.5-1.0	10350819			ND			
Layer: Brown Soil							
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
Comment: Collected on 08/19/2004							



Forensic Analytical

Final Report

Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

STL San Francisco
Afsaneh Salimpour

1220 Quarry Ln
Pleasanton, CA 94566-4756

Client ID: 2595
Report Number: B064297
Date Received: 08/23/04
Date Analyzed: 08/27/04
Date Printed: 08/27/04
First Reported: 08/27/04

Job ID/Site: 2004-08-0504 - Milpitas Library, 692-15

FASI Job ID: 2595-473

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
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James Flores, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

Analytical results and reports are generated by Forensic Analytical at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by Forensic Analytical to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by Forensic Analytical. The client is solely responsible for the use and interpretation of test results and reports requested from Forensic Analytical. This report must not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government. Forensic Analytical is not able to assess the degree of hazard resulting from materials analyzed. Forensic Analytical reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.

LOWNEYASSOCIATES

Environmental/Geotechnical/Engineering Services

CHAIN OF CUSTODY RECORD

Project Name:

Milpitas Library

Job No.:

692-15

Report To:

Stinson Foster

Sampler (print):

G. Evans

Sampler (Signature):



Electronic Deliverable Format Required:

YES NO

LAMV LAO

LAF

QC Requirement:
 Level A (standard)

EDF LOGCODE:

Global ID #:

Turnaround Requirements

5 Working Days

48 Hours

24 Hours

2-3 Hours RUSH

ANALYSES REQUESTED

PCBs (8082)

PAHS (8310)

Metals: DAs, Pb, Hg, D17 CAM ~~LEAD ONLY~~

TBA, D₂-DCA, and EDB) by 8260

Fuel Oxygenates (MTBE, ETBE, TAME, DiPE,

TBA, D₂-DCA, and EDB) by 8260

Organochlorine Pesticides (8081)

Halogenated VOCs (former BOD1 list)

Method: D8021 D8260 Add BTEx

TRPH (418.1) With silica gel column

TPH as gas/BTEX/MTE

Method: D8015/8021 D8260

TPH as diesel (8015M)

Add silica gel column Add OII Range

TPH (418.1) With silica gel column

TRPH (418.1) With silica gel column

PCBs (8082)

PAHS (8310)

Metals: DAs, Pb, Hg, D17 CAM ~~LEAD ONLY~~

TBA, D₂-DCA, and EDB) by 8260

Fuel Oxygenates (MTBE, ETBE, TAME, DiPE,

TBA, D₂-DCA, and EDB) by 8260

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Halogenated VOCs (former BOD1 list)

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TBA, D₂-DCA, and EDB) by 8260

Organochlorine Pesticides (8081)

Halogenated VOCs (former BOD1 list)

90219

San Ramon Office

2258 Camino Ramon

San Ramon 94583

Tel: 925.275.2555

Fax: 925.275.2555

Fullerton Office

251 E. Imperial Hwy. #470

Fullerton 92835

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Fax: 510.267.1970

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167 Filbert St.

Oakland 94607

Tel: 650.967.2365

Fax: 650.967.2355

Oakland Office

167 Filbert St.

Oakland 94607

Tel: 510.267.1970

Fax: 510.267.1970

714.441.3090

Fax: 714.441.3091

2004-08-0504

Received by Lab:

Date:

Time:

Lab of Record:

Date:

Time:

Received by Lab:

Date:

Time:

Lab of Record:

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Received by Lab:

Date:

Time:

Temp:

4

LOWNEY ASSOCIATES

Environmental / Geotechnical / Engineering Services

Project Name: Milpitas Library
Job No.: 1092-15
Report To: Sharon Foster
Sampler (print): G. Ennsor
Sampler (signature): *[Signature]*

CHAIN OF CUSTODY RECORD

Project Name:

Milpitas Library

ANALYSES REQUESTED

Turnaround Requirements	ANALYSES REQUESTED
<input type="checkbox"/> 5 Working Days	<input type="checkbox"/> PCBs (8082)
<input type="checkbox"/> 48 Hours	<input type="checkbox"/> PAHS (8310)
<input type="checkbox"/> 24 Hours	<input type="checkbox"/> Fuel Oxygenates (MTBE, ETBE, TAME, DiPPE, TBA, 1,2-DCA, and EDB) by 8260
<input type="checkbox"/> 2-3 Hours RUSH	<input checked="" type="checkbox"/> Metals: DAs Pb Hg D17 CAM
<input type="checkbox"/>	<input type="checkbox"/> Organochlorine Pesticides (8081)
	<input type="checkbox"/> Halogenated VOCs (former 8010 list)
	<input type="checkbox"/> Method: 8021 8260 Dadd BTEx
	<input type="checkbox"/> TRPH (418.1) with silica gel column
	<input type="checkbox"/> TPH as diesel (8015M)
	<input type="checkbox"/> Add silica gel column Dadd Oil Range
	<input type="checkbox"/> TPH as gas/BTEX/MTBE
	<input type="checkbox"/> Method: 8015/8021 8260
	<input type="checkbox"/> QC Requirement: <input checked="" type="checkbox"/> Level A (standard)

L Mountain View Office Oakland Office Fullerton Office
 405 Clyde Ave, 167 Filbert St. 251 E. Imperial Hwy, #470
 Mountain View 94043 Oakland 94607 Fullerton 92835
 Tel: 650.967.2365 Tel: 510.267.1970 Tel: 714.441.3090
 Fax: 650.967.2385 Fax: 510.267.1918 Fax: 714.441.3091

90219

L San Ramon Office
 2258 Camino Ramon
 San Ramon 94583
 Tel: 925.275.2555
 Fax: 925.275.2555

Remarks

Retlinquished By: <i>[Signature]</i>	Date: 8/11/04	Time: 12:14	Received By: <i>[Signature]</i>	Date: 8/11/04	Time: 12:14
Retlinquished By: <i>[Signature]</i>	Date: 8/11/04	Time: 12:14	Received By: <i>[Signature]</i>	Date: 8/11/04	Time: 12:14
Retlinquished By: <i>[Signature]</i>	Date: <i>[Signature]</i>	Time: <i>[Signature]</i>	Lab of Record: <i>[Signature]</i>	Temp: <i>[Signature]</i>	Time: <i>[Signature]</i>